Chymical Secrets,

AND RARE

EXPERIMENTS

IN

PHYSICK & PHILOSOPHY,

~~1634~~
2

WITH FIGURES

Collected and Experimented, by the Honourable and Learned Sir *KENELM DIGBY*, Chancellor to the late Queen-Mother of *England*.

CONTAINING,

Many Rare and Unheard of Medicines, *Menſtruums*, and *Alkaheſts*; the *Philoſophical Arcanum* of *Flamel Arteſius*, *Pontanus* and *Zachary*, with the True Secret of Volatizing the fixed Salt of *TARTAR*.

Publiſhed ſince his Death, by *GEORGE HARTMAN* Chymiſt, and Steward to the aforeſaid Sir *KENELM*.

London, Printed for *Will. Cooper*, at the *Pelican*
in *Little Britain*, 1683.

MVSEVM
BRITAN
NICVM

5 BBh

TO THE
RIGHT HONOURABLE,
ROBERT, Lord *Paſton*, Baron of *Paſton*, Vicount and Earl of *Yarmouth*.

My Lord,

IT is not my intention, nor indeed my Talent, to Celebrate thoſe Excellent Virtues, which ſhine ſo eminently bright in your Lordſhip: For they are Themes only fit to be treated on by the ſtrongeſt Pen, and their Native Worth and Reſplendency are their own ſufficient Panegyricks.

Yet ſuch is the Veneration I have for the Excellent Qualities and Endowments of your Noble Mind, and thoſe Heroick inclinations, that move your Honour to make ſuch exact, diligent, and curious ſearch into all the Secrets and Myſteries of Nature, and encourage all others that Labour therein, that I cannot forbear being ſo vain as to publiſh my reſentments thereof to the World. Theſe Reaſons, My Lord, together with the conſideration of your inbred Candour and Generoſity, encouraged me to the boldneſs of committing this ſmall Treatiſe to your Honours Patronage and Protection: To whom I know it will be more *welcome, as containing in it the Choice Obſervations, both in Phyſick and Chymiſtry, of that Famous Man, and great Privy Counſellor of Nature, Sir* K. D. *A Name, My Lord, that hath peculiar Charms with it, to recommend all that are under its great ſhadow, to the value and conſideration of all the diligent, the Learned, and the Honourable: So great a Perſon (may I aſſume the vanity to ſay ſo) I had the Honour and Happineſs for ſeveral Years to Serve, beyond the Seas, as well as in* England, *and to attend on him more particularly in the Production of many of his incomparable Experiments, and ſo to continue till his dying day; when he left with me thoſe Choice things contained in this little Treatiſe.*

And ſince I fear they ſuffer diminution of their Worth and Beauty, by paſſing through my mean Hands, and weak Managery, I thought I could make no better Atonement, than by recommending them to receive Recruits and Reinforcements from the Splendour and Eminency of your Illuſtrious Name. To that end therefore I take the Boldneſs to proſtrate them at your Honours Feet, where alſo in all Humility lyes

Your Honours
Moſt Obedient, and
Moſt Devoted Servant,
George Hartman.

TO

TO THE
READER.

Courteous Reader,

THIS Treatiſe contains ſome of the Choiceſt Collections of the Famous Sir *Kenelm Digby* (ſome whereof have been wrought by his own hands, ſome communicated to him by Learned Men of all Nations) in praiſe whereof no more need be ſaid, but, that they are his; either of his production, or of his approbation. I ſhall therefore, omitting other Artifices and Inſinuations, only ſatisfie the Reader with all the clearneſs and ingenuity I can, how I came by them; and thereby I queſtion not, but I ſhall very ſucceſſively recommend this Collection of them to all Ingenious Lovers of Art, whoſe Ears the Fame of the Worthy Author hath reached.

To this End I muſt acquaint him, that I had the Honour ſeveral years to wait upon Sir *Kenelm*, and to have ſeveral of his Manuſcripts in my Cuſtody, more particularly this with others was committed to my

Charge, when my Worthy Maſter intended a Journey to *France* for his Healths ſake, and to ſettle his Affairs there: And he had Progreſſed in his deſigned Journey as far as *Cittenburn*, when a violent Diſtemper forced him back again to his own Houſe in *Covent-Garden*; and in three days after his return, left the Learned World to lament the loſs of ſo great a Man. And here beſides his incomparable ſelf, his Friends and Countrey loſt alſo the benefit of his Famous Library he had in *France* (which for want of his being Naturalized) fell into the *French* Kings hands, who beſtowed it upon a Gentleman, and it was ſold (as I was credibly informed) for ten thouſand Crowns. In which no doubt were Manuſcripts of his own, of very great worth and rich value, and might have much obliged the World, had they fallen into the hands of Generous and Communicative Men.

But it was my happineſs to have, among ſome other Manuſcripts of his, the ſole Propriety of this Choice Manual, which contains rare and profitable Secrets in Philoſophy and Chymiſtry, delivered with more perſpicuity and plainneſs than is yet to be found in any Chymical Book: Yea, ſuch, that any underſtanding Reader may with great facility be conducted as with an *Ariad-*

nean Line into the moſt intricate and hitherto fatigating *Arcana* of Chymiſtry. Here are the true *Menſtruums* and *Alkabeſts*, and that hitherto hidden *Secret* of Volatilizing the fixed Salt of Tartar without any *Heterogene* Subſtance, being the true Vegetable *Menſtruum*; with many other rare and unheard-of Medicines, ſome whereof I had a mind to reſerve for my ſelf, and not to Publiſh them during my Life, becauſe of the great Experience, and the good Succeſs I have had with them in deſperate caſes; but *Impium eſt tacere, quæ ſi promulgata eſſent, multorum miſere decumbentium, in levamen exirent.* 'Tis Impious and unchriſtian to forbear the Publication of thoſe things, which being rendred Publick, will effectually redound to the Advantage and Comfort of miſerable Men.

I have Tranſlated moſt of theſe Secrets out of the *Latine*, *French*, *German*, and *Italian* Tongues. And if I have committed any indecencies againſt the Idiom of the *Engliſh* Speech, I hope the Candid Reader will forgive a Foreigner. As for any Ornaments and Embelliſhments of Language, as the Work requires no ſuch Painting, ſo the Publiſhers Foreign Stile and mean Talents are not able to afford it.

I have no more to acquaint the Reader

with, but that theſe Secrets had been Communicated to him long before, but that I have been moſt part of my time ſince my Excellent Maſters Deceaſe, abroad. However, I hope they will be now kindly entertained. For it is the height of my Ambition to make the Memory of my incomparable Maſter to Live, who was my private, and the Worlds publick Benefactor, which can no where do ſo with ſuch Advantage as in his Learned Works, for thereby being dead he yet ſpeaks and inſtructs.

And though it be no addition to his Glorious Name, yet for the Wit and ſmartneſs of the thing, and the Readers diverſion, I ſhall conclude here with that Elegant Epitaph made on him by the Ingenious Dr. *Farrar*, which is as followeth.

AN EPITAPH UPON The Honourable and Truly Noble Sir Kenelm Digby, Kt Chancellour to Her MAJESTY THE Queen-Mother.

UNder this Tomb the Matchleſs Digby *lies;*
Digby *the Great, the Valiant, and the Wiſe:*
This Ages Wonder for his Noble Parts,
Skill'd in Six Tongues, and Learn'd in all the Arts.
Born on the Day He Dy'd, Th' Eleventh of June,
And that Day Bravely Fought at Scandaroun:
'Tis Rare, that one and the ſame Day ſhould be
His Day of Birth, of Death, and Victory.

R. F.

THE

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An Explication of the Characters which are used in this Book.

☉	*Gold.*	A. F.	*Aqua Fortis.*
☽	*Silver.*	A. R.	*Aqua Regia.*
♂	*Iron.*	S. V.	*Spirit of Wine.*
☿	*Mercury.*	🝞	*Sublimate.*
♃	*Jupiter.*	🝟	*Precipitate.*
♀	*Venus.*	aaa	*Amalgama.*
♄	*Lead.*	▽	*Water.*
♁	*Antimony.*	△	*Fire.*
🜹	*Sal armoniac.*		

Chymical

CHYMICAL SECRETS.

How to fix ☽ into ☉ by ☿ and ☿ Precipitate.

HAving Written so many Processes, and made so many Tryals, and heard so many Discourses of Learned Men upon this Subject, I will give you an Account of an easie Method that I have resolved upon for accomplishing this Work: Namely, That all imperfect Metals and common ☿ may be transmuted into ☉ by one and the same Method; to wit, by Maturation and Coction, and not by Generation; for that which is generated, is no more that which it was before it was generated: And that which is

Corrupted, is no more that which it was before it was Corrupted.

But the baſer Metals, after they are tranſmuted into ☽ or ☉ are ſtill Metals nevertheleſs as they were before, and the tranſmutation of their kinds is done by changing their accidental form, not their ſubſtantial, the perfection whereof is Maturity; for by Maturation the Metal is brought to a higher degree of perfection.

Now, imperfect Metals are Maturated by external heat, which digeſteth their crude Humidity; yea, ☉ it ſelf may be furthe perfected, and exalted in colour, as whe the Stone is made of it, it will communicate this Maturity to imperfect Metals.

And Common ☿ is extracted out of Metals three ſeveral ways, namely, by Cementation and Digeſtion, by Fermentation, and by Tincture. As for Cementation, that concerneth only the digeſtion of ☽ into ☉, but not the other imperfect Metals, nor ♂ either, which is crude, and too much alienated from the Maturity of ☉.

By Cementation the humidity may be brought to maturity. There are ſeveral ſorts of Cementations, namely by Salts, Allums, Vitriols, and Metalline waters; But often-times inſtead of digeſting, they bu it; ſo that this way of making ☉ is with more loſs than profit.

But there is no better way than ☿ and red Precipitate, which I have learned by the afore-mentioned Operations.

My Proceſs is ſuch.

TAke ℥ij of ☽, make an *Amalgama* of it with *Mercury* by *A. F.* as you know, waſh this *Amalgama* very well in ſeveral waters, then preſs out ſo much ☿, that here remain but ℥iiij of it with the ☽ which naketh ℥vj in all. Add to it ℥vj of good ed Precipitate, and grind all to an impal-able Powder, which put into a Matraſs, nd digeſt it with a gentle heat in Sand, ſo hat the ☿ do not Sublime, but that it may Calcine the ☽ and leave it in Powder, for f you give too great a heat, it will reduce he ☽ into a Body.

After three days Digeſtion, take out your owder, and grind it as before, ſo that if here be yet any quick ☿ it may be morti-ed. Digeſt it again as before, and with e ſame degree of heat for three days more; hen take it out and grind it again, then di-eſt it only for two days by four degrees of eat, which you muſt change every two ours, to the end, that by the laſt degree of heat all the ☿ and ☿ Precipitate may precipitate the Powder of ☽, which will begin to grow white.

Reiterate the addition of ☿ and ☿ Precipitate in the ſame quantity as before. Digeſt two days more by four degrees of heat, as before, and the Powder will grow perfectly white.

Then by the ſame Operation reiterated it will begin to be of a Citrine colour, and fixed.

And thus by reiterating the Digeſtions, you may give it what degree of this colour you pleaſe; for the oftner you digeſt it with the ſaid ☿ and ☿ Precipitate, being ſeparated from it again by the laſt degree of heat, the more the Powder will be of a Citrine Colour.

Then melt your Powder with Borax, and you ſhall have ☉ at 24 Carrats, without diminution of the firſt weight of the ☽ which will be rather increaſed. All may be accompliſhed in the ſpace of One and Twenty days.

A Work with ☉ and ☿ that Monſieur Dandre *helped to work in* Piedmont, *in great quantity; Given me by him,* June 1660.

MOnſieur *Dandre* ſaith, he wrought thus: Make carefully an *Amalgama* of ℥j. of ☉ in Calx, with 7 or 8 of Purified ☿, then ſqueeze out ſo much ☿, that there remain ℥iij. of ☿, and ſo there be ℥iiij. in the Globe: To this add ℥j. of Sulphur-vive, which is clear and tranſparent in pieces, (in *Italy*, where he wrought this) and grind all very well together, (in this conſiſteth the main part of the Secret, for at every time you are to employ three or four hours in grinding) then put the matter into a Matraſs, and give a gentle heat, the Glaſs unſtopped, till the moiſture and ſmoak is exhaled out. Then let the Fire go out, and when the Matraſs is cold, ſeal it Hermetically, and ſet it to Sublime by degrees of Fire, till all that will, be Sublimed, which will be done in 20 or 24 hours. Then the Veſſel being cold, break it, and take out the Matter, and grind all together a long time, both that which is Sublimed, and that which is in the bottom, adding ℥j. of new Sulphur-vive, then Sublime in the ſame Method as before; repeat this ſeven times at the leaſt, adding ℥j.

of Sulphur-vive every time, and the matter will become a brown yellowiſh reddiſh Powder, which will be very fuſible, and even in the grinding it will relent, as though it grew moiſt: You will have ℥iiij. of fixed Matter, which project (in parcels) upon ℥x. of ☽ in good Fuſtion, then put it to the Coppel, and ſeparating ▽ and you ſhall have ℥iiij. of pure ☉.

You can work but ℥j. of ☉ in one Glaſs, but you may put 50, or more Glaſſes in one Sand Furnace with a large Baſon of Copper in Sand.

Some Obſervations about the ſaid Monſieur Dandre's *Work.*

THE Operation was made in an *Athanor*, with the Regiſters at the end, the hole through which the heat was communicated, was about the bigneſs of a brick, the plate which held the Sand was of Iron, and contained 32 Matraſſes, ſixteen on every ſide: The Tower was in the middle, wherein the Coals ſunk down by degrees. They did not mix the Powder with Wax, nor any thing elſe in projecting, but only wrapt up in Paper, it did enter, and diſappear immediately without ſmoaking. The Matraſs ought to have 2 third parts empty.

The *Amalgama* was made thus: They took ℥iv. of ☿ and heated it in a Crucible, until it begun to ſmoak, then they ſet it upon hot Aſhes, and caſt therein ℥j. of Ducats cut in ſmall pieces, and made hot in a Crucible, then ſtirred it until the ☉ was ſwallowed up by the ☿: Then took it off, and let it cool. They did not waſh the ſaid *Amalgama*: They uſed common ☿ only mixed with Quick-lime, and then Diſtilled in a Retort.

The Sulphur was tranſparent and yellow like Amber, in pieces, and to be had at *Carmagnole*, *Turin*, *Cony*, *Mondevic*, *Saluce*, *Genes*: It is a Sulphur-vive, coſt four, five, or ſix pence a pound. The Sand they uſed was round River-ſand, and the Matraſs was never red in the Sand: They never put above ℥j. of ☉ in one Matraſs, nor never above ℥x. of ☽ at every Projection.

(Hartman.) *Theſe Obſervations were communicated to Sir* Kenelm *by Abbot* Boucaud, *but the Proceſs was written by Sir* Kenelm *himſelf from Monſieur* Dandre's *Mouth.*

Monſieur Van Otter's *Secret, Phyſician of* Bruſſels, *with* ☉ *and Butter of Antimony.*

TAke equal parts of ♁ Mineral, and ☿ Sublimate, and a little *Sal-armoniac*, make Butter thereof: Draw the Spirit from this Butter, which rectifie again. (Note, that this Butter, being expoſed to the Air, draws from the ſame what it needeth in an hours time, and thereby is much increaſed in quantity: That which it draws is the hidden Food of the Life of Man, and all the Beings in the World. And this Butter is the true Magnet which draws it in its purity.) Then put this Spirit into a Glaſs Cucurbite, of a convenient bigneſs, fit a Head to it with Limbec and Receiver; lute well all the junctures, and put it thus to putrifie in Aſhes for two Months, in which time the Matter will become as red as Blood, and afterwards very black, ſticking to the ſides of the Veſſel like glutinous Soot, and the Ethereal Spirit aſcendeth and paſſeth into the Recipient in form of a Spirit, and in Body of fuſible Salt, whereof you muſt alſo draw the Spirit, and ſeparate them by Diſtillation with a very gentle fire, until you ſee a red and ſparkling fire upon the Matter, which is a ſign of its

Maturity, and that you have obtained the Philoſophical ☿, which is the true Univerſal Diſſolvent, then let it cool. That which reſteth in the bottom of the Cucurbite, is the *Terra damnata.*

Take ℥vj. of this *Menſtruum*, and put it upon ℥j. of ☉ in very thin plates, which will ſpeedily be diſſolved, and they will unite intimately; as being of the ſame Nature. You muſt take great care that you loſe nothing of the Spirits; it muſt be done in a Matraſs with a Glaſs ſtopper, exactly fitted; and being well ſealed and luted, digeſt it with a Lamp fire, with a very gentle heat in the beginning. After fifty days digeſtion, you muſt feed and imbibe your Matter with the ſaid *Menſtruum*, whereof you muſt have ſtore, for to multiply your Work. So ſoon as you have put in the ſaid Diſſolvent, you muſt ſtop it again immediately, and ſeal it as before, then digeſt fifty days more, the heat a little increaſed; which time being expired, you muſt again feed your Matter with the Virginal Milk a little more than the firſt time, continuing the digeſtion, the heat a little ſtronger. Reiterate the Imbibition ſeven times, and your Matter will become more vigorous, and will be able to bear ſtronger Food from time to time, and to bear ſtronger heat, which nevertheleſs muſt not be haſtened, but well governed, after the Example of the Operation of the Rays of the Sun in the Spring and Summer, for the Nouriſhment and Maturation of Vegetables. But you muſt obſerve, that at the two laſt imbibitions, there muſt be but 35 days diſtance from the one to the other inſtead of 50 before. At the five firſt imbibitions you ſhall ſee from time to time the wonderful effects of Nature, by the internal vertue of the Matter, and by all the Signs written in *Flammel*, *La Tourbe*, *Le Roſaire*, or *Jubilation of the Soul*, and in all thoſe Authors that have poſſeſſed this rare Knowledge, which will appear infallibly; to the proportion whereof you muſt increaſe the fire, and that is left to the diſcretion of the Operator. You muſt obſerve, that as the Matter multiplieth in vertue and quantity at each imbibition, and always more and more, it might become ſo fuſible, that at laſt it might penetrate the Glaſs; ſo that if you judge convenient, you need not imbibe quite ſeven times, that you may run no hazard; for you may afterwards multiply the Powder in the ſame manner, and carry it *ad infinitum*. And to perform all this, there needeth no more than about nine Months time, and without much trouble or care.

The Multiplication of the Powder.

TAke ℥j. of the Powder to ℥iij. of ☉, melt them together, and leave them until all be reduced to a Powder, which will be done in three days at the moſt; and thus you may carry it *ad infinitum*, and that which is made thus, hath the ſame vertue as the firſt.

The Projection.

TO Project upon ☿ you muſt heat it in a Crucible, until it caſt a black ſmoak, then caſt one grain of the ſaid Powder upon ten or twelve Ounces of ☿. And projecting upon other Metals, they muſt be in fuſion, and they will render in proportion according as they abound in ☿.

A conſiderable Work with ☉ and ☿.

TAke ℥viij. of ☉, melt it in a Crucible with three times as much Tin-glaſs, mix them well together, then caſt it out, and beat it into as ſmall pieces as you can: Take three times the weight of your mixture of good Sublimate, which put in the bottom of a large Cucurbite, and upon that put the ſaid mixture; ſet the Cucurbite in an Earthen

Pot, which put into an Iron Pot with Sand; fit a head with a Limbeck and Receiver to it, lute all well, and give a gentle heat at the beginning for two hours; then increaſe the heat by degrees, at laſt a very violent fire of reverberation, during eight hours; then let it cool, and open the Veſſel, and you ſhall find your Tin-glaſs in the Receiver in the form of Cryſtals, with the Sublimate, and the ☉ will remain in the bottom of the Cucurbite, in the form of light dry Flowers, very fair to behold, and will be much opened and attenuated.

Diſſolve this ☉ in eight parts of *A. R.* Diſtill it off, and put the ſame quantity of new *A. R.* upon it, and Diſtill it off as before. Repeat this three times, at the third time the ☉ will be ſo opened, that it will aſcend with the water, and ſtick to the ſides of the head of the Alembick; ſo the ſame will ſeem to be full of golden Stars.

Diſſolve this ☉ again in eight parts of *A. R.* Diſſolve alſo by it ſelf twelve Marcs of ☿ in *A. F.* Put theſe two diſſolutions together, and let them ſtand to ſettle 24 hours, the ☉ and ☿ will be precipitated indiſtinguiſhible, in the form of a black Spunge, and will be eſſentially and radically United.

Diſtill off the water to dryneſs, you will find at the bottom a gray Powder, which take out, and put it into a Matraſs, and pour upon it good Oyl of Vitriol, ſo much as may cover it the breadth of four fingers; Seal it hermetically, and digeſt for twenty days. Then open the Matraſs, and let the humidity exhale by a ſtrong heat in Sand: Break the Glaſs, and grind the Matter with a little Borax, then melt it, and you ſhall have at leaſt eleven Marcs of ☉ (a Marc is ten Ounces.)

(Monſieur) *Gerrit* gave this Work to his Uncle, Monſieur *Ferrier*, having had it from an intimate Friend of his, who had arrived to great Wealth by it.

(*Hartman.*) *The ſaid Monſieur* Ferrier *did communicate this* Proceſs *to Sir* Kenelm *at* Paris, 1660. *when he returned from* Germany, *at the time of the Kings Happy Reſtauration.*

A Work Copied out of the Original of Monſieur de la Violette's *own Hand, whereof he made great Account.*

TAke ℥iij of the pureſt and fineſt ♃, and ℥viij *Spaniſh* ☿ purified with Salt and Vinegar, make an *Amalgama.* Then take red *Minium* and *Æs uſtum* of each ℥iij, *Dantzick* Vitriol ℔j reduced to half a ℔ by

Pot, which put into an Iron Pot with Sand; fit a head with a Limbeck and Receiver to it, lute all well, and give a gentle heat at the beginning for two hours; then increaſe the heat by degrees, at laſt a very violent fire of reverberation, during eight hours, then let it cool, and open the Veſſel, and you ſhall find your Tin-glaſs in the Receiver in the form of Cryſtals, with the Sublimate, and the ⊙ will remain in the bottom of the Cucurbite, in the form of light dry Flowers, very fair to behold, and will be much opened and attenuated.

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by Calcination, grind and mix theſe all well together, and put them into a Retort coated; and pour upon it one pound and a half of the following *A. F.*

Take Vitriol two pound, which reduce to one lb by Calcination, which put into a Retort, and pour upon it a good *A. F.* made of Vitriol and Nitre, Diſtill it *S. A.* and you ſhall have an *A. F.* fit for this Work, which having poured upon the ſaid Matter, Diſtill it off, and it will be very ponderous. Break the Retort (being cold) and you will find on the ſides of it, and upon the *Caput Mortuum*, a very red and ponderous Sublimate, which take off.

Take the half of the *Caput Mortuum*, and as much of Bay Salt decrepitated, reduce all to a fine Powder with the ſaid Sublimate, and then put all into a new Retort, and pour upon it the Diſtilled *A. F.* Diſtill it as before, and the ſaid *A. F.* will come off very red, and the Sublimate will be more red, and more ponderous than before, and will riſe very high at this time. Keep this Water very carefully, break the Retort, and take both the Feces and Sublimate, and reduce it to Powder, and Sublime it by it ſelf without *A. F.* and the Sublimate will mount but upon the ſurface of the Feces, which ſeparate, and it will have acquired more redneſs, and will be almoſt fixed. Put this Sublimate into the ſaid *A. F.* and it will diſſolve it ſpeedily: Diſtill or evaporate the *A. F.* in Sand, and the Sublimate will remain in the bottom like a deep-red Oyl. Put into this Oyl ℥iij of the fixed Sulphur of Vitriol, made according to Art; put it into a Matraſs with a ſhort neck, and digeſt in Sand, until all the moiſture is exhaled.

Then take an *Amalgama* made with one part of ☉ and two parts of ☽ Calcined with Salt, and four parts of *Spaniſh* ☿ (waſhed with Salt and Vinegar;) then ſqueeze out ſo much of ☿ as you can from the *Amalgama*, then waſh and dry this *Amalgama*, and pour upon it by little and little of the above ſaid *A. F.* let it ſtand half an hour, then pour on more of the Water as before, and you will ſee the *Amalgama* diſſolve viſibly, and will be reduced to a very red Powder.

Note, that once in half an hour you muſt pour on ſome of the ſaid Water, and all will be done in leſs than half a day. Digeſt it half a day longer in Sand; then break the Veſſel, take out this Precipitate, and melt it with a little Borax, and you ſhall have ☉ at 24 Carats.

Note, that if you take equal parts of ☉ and ☽ to your *Amalgama*, you ſhall have increaſe yet fourty or fifty *per Cent.* more.

Snyder's

Snyder's *Secret, as he gave it me himſelf the 22 of* July, 1664.

TAke Nitre eight parts, Sulphur four parts, and Tartar two parts: Reduce all into a fine Powder, and mix them well. Then melt one part of pure ☉ and three parts of purified *Regulus of Antimony*, in a Crucible; then add to them three parts or more of the ſaid Powder, let it ſtand in the fire until you ſee a light Skin upon it, then pour it into an Antimony-horn. Take the *Regulus* in the bottom of the Horn, and melt it again, and caſt more of the ſaid Powder upon it: Repeat this ſo often until all the *Regulus* be conſumed; diſſolve all the ſcums of the ſaid *Regulus*, and make a laver thereof, which filter, and precipitate with an Acid, which edulcorate; edulcorate alſo the Feces which remained in the filter, put thoſe things edulcorated together, with half the weight of Flowers of Sulphur, and calcine them well: Then draw the Salt from it with diſtilled Vinegar (which will be a golden Salt) draw as much of the ſaid Salt from it as you can.

Take one part of this Salt, and two or three parts of good Butter of Antimony well rectified, mix them well in a Matraſs, one part filled, and the other two parts empty: Seal it Hermetically, and digeſt it with a gentle heat; it will grow black and putrifie in the ſpace of three days; continue the digeſtion until the Powder be fixed.

The following Obſervations are from another Learned Man, with whom Sir Kenelm *did confer at his return from* Briſtol, *concerning the ſaid* Snyder's *Work. Who ſaith thus:*

THis Operation may be abbreviated, in fermenting it with ☉ as followeth: Make a Spirituous *Regulus* of ♁, as you know, which is precipitated Butter of ♁ and ☿, adding to them Soap and Salt of Tartar. Take of this Spirituous *Reg.* three parts, and one part of ☉, melt them together, and caſt it by little and little into the Sulphurous Salt Enixe, *& totus ſolvetur, effunde, ſolve, filtra, precipita totam materiam in Sulphur pulcherimum*: Reverberate this Sulphur with flowers of Sulph. or if you will, diſſolve it again, and precipitate; draw the Salt from this Sulphure with diſtilled Vinegar; add to this Salt or Golden Vitriol, three times its weight of Butter of ♁; digeſt them together (*donec ceſſent colores.*) You may multiply the Work in quality, in diſſolving the Powder in Salt Enixe, and Precipitating often: And you may multiply it in quantity, in mixing it with new Butter of ♁, wherein you have diſſolved the ſaid Salt, or Golden Vitriol. Note, Tha this Work will be more excellent if it be done with ☿ of ♁, and Spirituous *Reg.* It may be alſo abbreviated in purifying very well the Butter of ♁. Note, That this Work is a Mineral-water, which is coagulated by its own Sulphur. Note alſo, Tha if you take the Golden Sulphur without *Reg.* the work will be yet ſhorter. Note, Tha in the Multiplication, if the Powder only be diſſolved in Butter of ♁, the Operation will be ſhorter.

A great Secret of the ſaid Mr. Snyder's *Powder.*

Diſſolve ☉ in *Sal Enixe*, and exalt i with Sulphur of ♁, then caſt in *conum in ſalem rubicundum*; (ſee that no Coals fal in.) Keep the Salt ſo long in the fire, tha it remain fuſible: Grind it, and let it mel in a Matraſs; add a grain or two of th Powder, let all melt in a ſtrong fire twelv or twenty hours, and this Powder will b multiplyed; pour out, diſſolve, and filter, put therein ☽ and ☿, they will be tranſmuted into fine ☉.

Or, Precipitate the Liquor with Salt into n Golden Sulphur, which digeſt longer with Butter of ♁. Or, preſerve the Sulphur, and erment it again with diſſolved ☉, as is ſaid, n Salt *Enixe*, and in a Matraſs, that the Powder may go *ad infinitum*.

Matthews *his Work.*

TAke Common Cinaber ℥xij. Cryſtals of ♂ ℥ij. Common ☿ Precipitate, made by *A. F.* and reverberated until it be red, ℥j. Oyl of Vitriol ℥xv. Firſt, reduce the three ard Ingredients into a moſt fine Powder; hen grind it upon a Marble ſtone with a little of the Oyl of Vitriol, adding the ſaid Oyl by little and little, until it become like Pap; which put into a low Cucurbite (taking care that it do not touch the ſides of he ſaid Cucurbite, becauſe it would endanger it to break) and put upon it the reſt of he Oyl of Vitriol, and ſtir the Matter well with a ſtick of Glaſs (which muſt be maſſy nd not hollow) that all may be well mixed ogether; digeſt it with a gentle heat for ight days, ſo that nothing may go over hrough the Limbeck: Then diſtill as much s you can of the Oyl of Vitriol, and take he Matter out of the Cucurbite, and grind t again; put the diſtilled Oyl upon it again, and diſtill as before, without digeſting it; repeat this fourteen or ſixteen times. At laſt, diſtill as much of the Oyl as poſſibly you can; and that the remaining Matter may be thick, and conveniently handled, put into it ℥v. or vj. of filings of ☽. Then melt twenty Ounces of ☽, and project your Matter upon the ſame (being in fuſion) in fifteen or twenty parcels, ſtaying every time, before you project until that which you projected be well entred and incorporated with the ☽, and that it be very clear: After all is projected, leave it in good fuſion for an hour or two; then put it to Coppel, and afterwards to Separating ▽, and you ſhall have about ℥jß. of pure ☉.

The Cryſtals of ♂ are made thus:

Upon filings of ♂ put Oyl of Vitriol, then pour common ▽ upon it, and the filings will diſſolve; filter the diſſolution, and evaporate the Liquor *uſque ad pelliculam*; ſet it in a cold place, and it will ſhoot into Cryſtals, which require no further Purification.

The Oyl of Vitriol for this Work is made thus: Take *Danzick* Vitriol, diſſolve it once in ▽, filter and congeal it; then Calcine it gently, until it be white: Then diſtill it in Retorts *S. A.* forcing it very ſtrongly at laſt. Dephlegm this Oyl in a low Cucurbite,and that which remaineth in the Cucurb. (which will be of a dark red) muſt be paſſed through a filter of wool in a Glaſs Funnel, and the wool will imbibe the unctuoſity of the Oyl, which if it were not ſeparated from it, might hinder its Operation.

To fix ☽ into ☉.

THE 15*th.* of *November*, 1660. Monſieur *John Commandaire* told me, that *Signeor Lucca* (from whom he now came) had taught him a ſhorter, and eaſier way of doing his work, thus:

Take the Mother-liquor of Salt-petre, (which is the ſalt ▽ that remaineth after as much is ſhot into Nitre as will ſhoot) and let it run once through a filter of waſhed Sand to purifie it; then evaporate it to dryneſs: Grind the remaining Salt very fine, and ſet it in a Cellar, or other moiſt place to diſſolve into ▽ by the Air; filter that by a woollen Languette, coagulate, grind, diſſolve, and filter it. Repeat this ſeven or eight times, that all foulneſs may be ſevered from this fixed Salt of Salt-petre. Then it will eaſily give its pure Spirits, and not before. Put this into Retorts, not above half a pound into each Retort; diſtill firſt with very gentle △, increaſing it by degrees, at laſt, ſtrong △, as when you diſtill *A. F.* The diſtillation will be performed in twenty four hours: Then dephlegm it carefully; when the drops come Acid, ceaſe. In the mean time purifie the fixed Salt remaining after the diſtillation, by grinding it ſmall, diſſolving in *humido*, filtring, and congealing. Repeat this twice or thrice; then pu one part of this fixed Salt to three parts o the Spirit, and to this Compoſition put a tenth part of pure ☉, and though it were in an Ingot, it will diſſolve it ſpeedily. Pu this into an Egg, and Seal it Hermetically, and digeſt it, it will putrifie, and grow entirely black; then paſs all the due colours, during which time increaſe the heat by degrees, and when it requireth ſtrong heat, uſ Coal.

An Obſervation about Volatiliſed ☽.

MOnſieur *de L'oberie*, and Monſ. *de l Noue* wrought the firſt Proceſs upon ☽ (which is after thoſe upon ☉) that is i the handgrif of *Baſ. Valent.* which maketh the fourteenth Book of his Teſt. But inſtead of a due Calx of ☽, they took one made with *A. F.* (the ordinary made of Vitriol and Nitre) and Precipitated it with Salted ▽ (Salt diſſolved in Common ▽) and fo the reſt, did as the Proceſs teacheth; which was Reported to me thus. Put upon this Calx of ☽ (they had ʒiv.) (after it is well dulcified by often ablutions with fair ▽, till no Saltneſs or Spirits appear to remain) ſo much freſh *A. F.* as to ſwim four fingers breadth over the Calx of ☽: Diſtill off the *A. F.* then cohobate again; do thus four times: At the laſt diſtillation give ſtrong △, you will have a gray ſubſtance like Marcaſite. Beat it to Powder, and put diſtilled Vinegar upon it, to ſwim four fingers over it; digeſt two days, then boyl it three or four hours, after which, diſtill away all the diſtilled Vin. and there ſhould have remained blew Cryſtals, but they were white without tincture: So having failed in their expectation, they would reduce their ☽ back in a body, therefore dulcified it well with diſtilled Vinegar and fair ▽, and put it into a Cruc. to melt with a little Borax, and a little Nitre, and a thick ſmoak flew away, and in the end there remained but ʒij. of ☽.

Conſider, if this courſe, and, if need be, digeſting longer (at laſt) with diſtilled Vinegar and Oyl of Tartar, ✳, and Salt of Urine, *&c.* Then diſtilling with Tartar and Calx-vive, might not make ♀ of ☽.

A Proceſs from Monſieur Vignault, *with* ☉ *and* ☿, *&c.*

TAke ℥j. of ☉, *ǎǎǎte* it with ℥iv. of ☿; grind this *ǎǎǎ*, and waſh it well: Then put it into an earthen Pot with its cover to ſhut it very cloſe, which cover muſt be like a Funnel at the top: Put it to a gentle △ in Sand for twenty four hours, then give it a ſtrong △ for twenty four hours more, that the Matter may aſcend and deſcend; then take out your Matter (looſning it from the bottom where it ſticketh faſt) and grind it, and *ǎǎǎte* it again with the ſame ☿, and proceed all as before. Repeat this Work ſix times, always with the ſame ☿, which by degrees will become Earth, and will ſtick no more to the bottom; you muſt leave it in Sand every time twenty four hours before you grind it again; after the ſixth time give it ſtrong △, ſo that it may be red-hot in the Sand for fourty eight hours, and it will be a red Powder, which multiply by mixing with it its weight of ☿, grinding and digeſting it as before; and in three times twenty four hours it will be in Powder; and if you will multiply it again, proceed as before, with equal weight of ☿. And to make it into a Tree, do thus: When you have made the *aȧȧ*, and ground and waſhed it, then put it into a Matraſs, which ſtop only with Paper; then digeſt it continually, and the ſaid ☿ will aſcend and deſcend: And when you ſee that at laſt it becomes hard and heavy, ſticking to the neck of the Matraſs, put it down with a Quill, and it will become a Tree, which will be red. Note, That your ☿ muſt be well purified firſt, and then ſublimed with ☉ and ☽, taking ℥ij. of ☉ to one pound of ☿, for it will be much the better, and will be ſooner done. If you mix ℥ß. of ☉ with ℥ß. of the ſaid Powder, and grind it well with ℥ij. of ☿ revived from Cinaber, and animated with ☉, as is ſaid, and digeſt it fourty eight hours, you will do more in fifteen days, than otherwiſe in two Months, and the ☉ will not ſtick to the bottom of the Pot: You muſt continue the digeſtion as is ſaid above, and at the end ſtrong △. The ☉ will ſerve for to animate the ☿, and to melt it, and reduce it into a Calx, for to *aȧȧte* it with animated ☿, taking ℥j. of ☉ to four of ☿.

Fixation

Fixation of ☽, *wrought by Father* Bening de Baune, *and by him communicated to me.*

FIrſt, he animated Common ☿ for this Work, thus;

Take ℥iv. of Common Sulphur, melt it in an Earthen Poringer, then caſt into it by little and little ℔j. of ☿ (purified with Salt and Vinegar, and ſqueezed through *Chambo*-leather) ſtir it continually; then take it from the fire, and keep it ſtirring untill it is reduced to a black Powder, which grind, and add to it ℔j. of ♁ in Powder, and ℔ß. of Quick-lime alſo in Powder; mix all together, and put it into a coated Retort, of ſuch a bigneſs, that a third part may remain empty. Diſtill it, and let the Noſe of the Retort lye in a Poringer full of ▽, diſtill by degrees of △, as you do *A. F.* the ☿ will diſtill into the ▽: Mix this ☿ again with new Materials, and diſtill as before. Repeat this Operation with the ſaid ☿ ſeven times, every time with new Materials.

Take of this ☿ ℥iv. *ȧȧȧte* it with ℥j. of ☉; waſh the *ȧȧȧ* ſo often, that the ▽ come from it clear, then dry it. Put this *ȧȧȧ* into a Matraſs, and digeſt twenty four hours in Aſhes: Then take it out, and grind it in a Glaſs Morter, and add to it ℥xx. of the ſaid ☿; grind them well together, then waſh it and dry it, and put it into a Retort, and diſtill over all the ☿ in Sand.

Take ℥viij. of this ☿, *aaate* it with ℥j. of a light Spungy-calx of ☉; waſh this *aaa* well with warm ▽, then dry it, and put it into a Matraſs; Seal it Hermetically, and digeſt it in Sand the ſpace of twenty four hours: Then grind it again with ℥viij. more of ☿, and digeſt as before. Repeat this Operation once more with ℥viij. more of ☿, ſo that there be ℥xxiv. of ☿ to one of ☉. Put them into three ſeveral Matraſſes, which Seal Hermetically, and put them to a ſuppreſſing heat in an *Athanor*, for the ſpace of two Months: Then put all into a Retort, and diſtill it in Sand, with a heat of Suppreſſion, ſo that the △ above be ſtronger than that below, and if any of the ☉ remain in the bottom of the Retort, you muſt *aaate* it with twenty four parts of ☿, and diſtill it as before, until all the ☉ be diſtilled over. Repeat the ſame as before, untill the ☉ hath taken in ſixty parts of ☿, and if it taketh but twenty four of ☿, the ☉ will be better, and your ☿ will be animated.

Take ℥j. of Calx of ☽, and three or four of your ☿ animated, *aaate* them together, waſh the ſaid *aaa* with warm ▽, then divide it into two parts, and put them into two Matraſſes; Seal them Hermet. and digeſt in an *Athanor* with very gentle heat for fourty or fifty days, then increaſe the heat for fourty or fifty days more: Then continue the digeſtion with the third degree of heat (ſtronger yet) unto the end of eight Months, counting the time of the firſt and ſecond degree already paſt. Then digeſt a Month longer by the four degrees of △, which will make it nine Months in all.

The Calx of ☽ is made of equal parts of ☽ and *Regulus* of ♂ melted together, and reduced to Powder. Note, that the *Reg.* is not to be reckoned; ſo that you muſt take ℥ij. of this Powder.

Obſervations.

THE *Athanor* was of a digeſtive Furnace, with a Tower for the Coals, and between both, there were two Regiſters of heat, the one gave the heat under the Veſſels, and the other above: The Matraſs ſtood in Sand in a Baſon of Copper, which held ten or twelve Matr. At the beginning the △ was given only below, and ſo gentle, that the ☿ never Sublimed. The Baſon with the Matr. was covered with a cover like a Dome, and after that the heat was given alſo above, and that ſtronger than before: And it ought to be always continued without interruption. After nine M. digeſtion, all the ☽ will be tranſmuted into ☉, and beſides that, you ſhall have an augmentation of a third part of ☉.

Note, That you muſt not put above ℥ij. of Matter into each Matraſs.

The ☉ which he uſed in this Operation, was three times purified by ♁.

He told me ſince, that the greater proportion of *Reg.* you put to the ☽, the better your work will ſucceed, and you ſhall have the more ☉, and the ſooner.

Hartman.) *The ſaid Father* B. de B. *was the Apothecary in the Convent of the Capuchins at* Lyons: *He was an able Chymiſt, and had been for ſome Years Operator with the Chancellor of* France, *in his Laboratory. When I went from* Paris *to* Italy, *after Sir* Kenelm's *Death, paſſing through* Lyons, *I went to ſee him in the Convent of the Capuchins, where I had ſome Diſcourſe with him concerning this work; he confirmed it to me, aſſuring me that he had done it, and that it was a real truth, and that is all I know of it.*

A ▽ which changes ☿ as red as Blood, which abideth the Fire.

MAke an *A. F.* of equal parts of Vitriol and Nitre, which cohobate and diſtill three times upon its *Caput Mort.*

Take of this *A. F.* ℥iij. ʒj. of ☿, and ʒij. of Sulphur-vive; put all into a Retort, let it ſtand twelve hours, then diſtill it, and cohobate ſo often, till you ſee the ☿ as red as Blood, which will be in five or ſix times; then bring it into a Powder, which imbibe with Oyl of *Roman* Vitriol, dry and imbibe it three times. Then divide this Powder into eight parts; then take ʒj. of ♄, which put to Coppel, when it boyleth, put into it a Ducat of ☉, then put into it one of the eight parts. Drive it off, and you ſhall have ʒj. of fine ☉.

Hartman.) *This Proceſs was written in the* French *Tongue; at the bottom was written* Probatum, *the 2d. of* July, 1658. *The Proceſs ſaith, it muſt be done on Thurſday and Friday, and at the Full of the* ☽.

Saunier's Work, as I wrought it.

Purifie ☉ three times by ♁; then reduce it into a ſubtil Calx, by Calcining it five times with Sulphur and ☿: Then burn S.V. upon this Calx, and reverberate it again, that all the extraneous Spirits may be driven away.

2. Sublim ☿ ſeven times with Vitriol and Salt, reviving it with filings of ♂ after every ≏mation.

3. Make an *A. R. S. A.* out of the fixed Salt, after the extraction of Salt-petre, which after ſome days muſt be dephlegmed with great care, and rectified, ſo that it have neither phlegm nor terreſtrial feces.

Diſſolve ℥j. of your ☉ in as ſmall a quantity of this *A. R.* as you can, keeping the Veſſel well Sealed (and therefore it ought to be large) in a very gentle heat in *B. M.* where it muſt be digeſted (after the diſſolution) for ſome days: The diſſolution being very clear, decant it from the white reſidue.

Diſſolve ℥ß. of fuſible Salt in as ſmall a quantity of the ſaid *A. R.* as you can (which is not done ſuddenly, but by digeſtion) and being clear, mix theſe two diſſolutions together, namely, that of the ☉, and of the

Salt, and if any thing ≂tate to the bottom, keep it in digeſtion with a gentle heat (the Veſſel cloſe ſtopped) until all is diſſolved and clear; then keep it in the ſame digeſtion for fifteen days. Then with a very gentle heat abſtract the phlegm, until a Spirit aſcend; then ceaſe, and put into the Veſſel ℥ß. of the ≏mate before mentioned (in very ſubtil Powder) ſhut the Veſſel again immediately, and put it in digeſtion as before, until the ≏mate is well diſſolved. Then dephlegm again the diſſolution; in doing of which you ought to attend very diligently, leſt there come over ſome part of the ☉ and ♀, which now eaſily will be raiſed with the *A. R.* And this you may know, not only by the drops falling yellow, but alſo by trying with a white woollen cloath, which the drops will ſtain yellow if the ☉ aſcendeth. Then Seal it Hermetically, and digeſt in Horſe-dung: After ſix Months we opened the Veſſel, and with a gentle heat diſtilled off the Liquor, and the remaining Golden Salt we projected upon reſtricted ☽, and for ℥j. of ☉ we had ſeven. Another Veſſel, after twelve Months digeſtion, rendred ℥x. of ☉ for one put in: And ſo to two and twenty for one.

I do not remember all the time preciſely, but I ſhould think, it would be better, after ſufficient digeſtion in Horſe-dung, to coagulate the Matter in dry heat until all be compleatly fixed, and then multiply the Matter by the ſame Proceſs, as you did with ☉.

The fuſible Salt is made thus: Diſſolve Salt (firſt well purified) in the ſaid *A. R.* diſtill and cohobate until it is fuſible.

The reſtriction of ☽ you will find in a Book Publiſhed by *John Saunier*, which he calleth, the almoſt fixation of ☽, becauſe it hath the weight and ſound of ☉.

Hartman.) *This Proceſs was wrought by Sir* K. D. *himſelf, as the Title ſheweth; it was written in* Latine *in his own hand, and the words are his own.*

Abbot Boucaud *told me at* Paris, *that he knew Sir* K. *had wrought it.*

The Danes Work.

CAlcine plats of ♂ and ♀ with Sulphur; then grind them to ſubtile Powder, which boyl in ▽, filter and evaporate, *uſque ad pelliculam*, and put it to Cryſtalliſe in a cold place: Then purifie theſe Cryſtals by diſſolving them in ▽, filtring and evaporating.

Make alſo a Sulphur of the ſaid Metals, by boyling Plats with Vitriol and ▽ in a Kettle, and the Sulph. will adhere to the Plats.

Purifie ☿ firſt by Diſt. and then by boyling it in an Earthen Pot with Vitriol, Aſhes, and Powder'd glaſs well mixed together, and boyled until you ſee the ☿ appear upon the Surface of the Matter: Then let it cool, and grind all well together again, and boyl it as before. Repeat this three times: Then take of this ☿ four parts, of the Sulph. of ♂ and ♀ *ana* one part, grind them well together until they be well incorporated; then ≏m and grind again what is ≏med with that which remained in the bottom, and ≏m as before. Repeat this ſeven times: Then is the ☿ prepared for this Work.

Diſtill an Oyl *ſ. a.* out of the Vitriol of ♂ and ♀ joyned together, which will be Blood-red.

Make a light and Spungy Calx of ⊙, by Calcining it four or five times with Sulphur and ☿. Take of this Calx ℥j. and of the ☿ prepared ℥iv. Make an *ȧȧȧ*, which grind very well; then add of the Sulphur of ♂ and ♀ *ana* ℥ß, grind them well together with the *ȧȧȧ*, then put it into a Matraſs of ſuch a bigneſs, that three fourth parts may remain empty, ſtop it ſlightly with Paper, that ſome moiſture from the ☿ may exhale, (which otherwiſe might hinder the ≏ration of the ☿) give △ by degrees, firſt in Aſhes, and then in Sand, but ſo gentle, that the ☿

may never riſe, but that it may be always in a diſpoſition to ≙m, which you may know by a little Cloud upon the ſides of the glaſs, ſuch as appears when one breatheth upon a Looking-glaſs.

The end of the digeſtion is; when you ſee the Matter converted into a very red ≂tate and glittering, which endureth a very ſtrong △. Then take it out (being cold) and grind it with four parts more of the ſaid ☿, and the ſame quantity of the ſaid Sulph. as before; digeſt as before, until all be converted into a red ≂tate as before, except that it will be of a darker colour: Grind this ≂tate with the Oyl of Vitriol beforementioned until it be like a pap: Then put it into a Cucurbite, and digeſt for fifteen days, then diſtill it, and the Phlegm will come over; and the Matter remaining dry in the bottom, you muſt grind again with new Oyl, and proceed in all as before. Repeat this ſo often, till the Oyl come off as ſharp as it was put on, which is a ſign of Saturation: Then digeſt this Matter in Sand until all be reſolved into a very red Oyl in appearance (which in a cold place will congeal into a hard and brittle Matter.) At laſt give very ſtrong △ for three days, in which time the Matter will be entirely fixed, except a ſmall quantity, which will be exhaled.

Project this Matter upon ☽ in fuſion equal parts. Thus far reacheth my Experience; but the *Dane* told me, that if this Matter were *Amalgamated* again with new ☿ prepared, and in all things proceeded as before, taking this Matter for the Foundation, inſtead of the ☉ which you took at firſt, it would become a Medicine, which in Projection would convert a great quantity of ☽ into ☉. And the oftner you ſhould do this the more Power it would have in Projection.

Out of ℥x. of this Matter, and as much ☽, I had ℥xvijß. of perfect ☉.

Hartman.) *Dr.* Aſtell, *an* Engliſh *Phyſician, ſhewed me a Copy of this Proceſs, which* Sir K. D. *had given him, who had aſſured him that he himſelf had wrought it, and that it was true. And having ℥x. of fixed Matter, he divided it into ten parcels, and having melted ℥x. of ☽, he Projected the ſaid parcels one after another upon the ſame; then left it in fuſion for three hours, then caſt it in Ingot, which having weighed, he found the quantity of ☉ above mentioned.*

Opus Magnum ex Virginea *Terra.*

TAke reddiſh rich Virgin Earth in ♈, impregnate it with ☉, ☽, ſerene and dew, till the end of *May*: Then imbibe ſprinklingly with dew gathered in *May*, and dry in ☉, expoſe all Night to the ☽ and Air, ſecuring it from Rain. Still when it is dry, imbibe and turn the Earth often. Continue this till ≏mation. The hot ☉ (eſpecially in the Dog-days) will make a pure Salt ſhoot up, which mingle back into the Earth, by turning it all over. Then diſtill by graduated △ as *A. F.* forcing all the Spirits over at laſt; you muſt give fourty hours △, extream at laſt. Put all the Liquor and Salt that cometh over, to digeſt and circulate a Month *in fimo*, in a great Ballon cloſe ſhut. Then ſeperate the ſeveral ſubſtances out of this Chaos; firſt, cometh an extream ſubtil, ardent, Æthereal Spirit, then white ones with veins like *S. V.* then Flegm, Thus far in *B.* in a Cucurbite, then in a Retort; Then white fumes, then red ones, and a reddiſh brown Salt remaineth in the bottom, and a Volatile Salt will be ≏med about the neck of the Retort, as alſo to the head and ſides of the Cucurbite. Then purifie every ſubſtance by it ſelf; the fixed Salt by Solutions in the Flegm, Filtrations, and Congelations, till it be perfect pure, clear, and caſt no more Feces: The Volatile Salt by often Sublimations: The firſt Spirit by thrice diſtilling, and the fixed white and red Spirit likewiſe, both together. Now joyn all the three parts, beginning with the fixed Salt, whereof take three parts, and one of the fixed Spirit; digeſt eight days, diſtill in Aſhes, and the Liquor will come off like Flegm. Imbibe with more fixed Spirit, and repeat this till all of it be congulated with the Salt. Then put one part of this to thr[illegible] of the *, taking it all, and humect them with the Volatile Spirit. △ Digeſt eight days or longer, then diſtill in a Cucurbite; a ſtinking flegm will riſe, and a pure Salt ≏m up, and if any Spirit diſtill over, keep it, putting it to the reſt of the Spirit. Then add more of the fixed Salt to it which hath not ≏med, making it one third to the *, which humect with Spirit as before, circulate and ≏m, and the * will be increaſed. Do thus till all the fixed Salt be ≏med. Circulate the remaining Volatile Spirit with the *, till all the Spirit be converted into *, and nothing but a ſtinking flegm come away. Then ≏m this Salt by it ſelf, till it leave no Feces, and be moſt white, tranſparent, and pure, which will be in four or five times.

Take ſeven parts of this ✳, and one of pure ⊙ in leaf, Seal it Hermetically, and digeſt in *B.* The Matter will become a green ▽, like an Emerauld, with an Oriental eſclat: (and in a Retort will paſs all over, leaving a few grains of browniſh-gray ſtiptick Earth, like Tobacco-pipe Earth) And after a while black like Ink, and continue ſo two and fourty days; when the blackneſs beginneth to wane, put it in dry △ in an *Athanor.* It will paſs the colours, and become a red *Elixir*, and is now beſt for Health; but it will not have good ingreſſion into Metals, till it have been multiplyed four or five times with new ✳, taking every time after the firſt, only three to one; and it will be done every time after the firſt in a ſhorter ſpace. After every fixation of the multiplication, and the firſt alſo, give ſtrong △ for three days, and a black Earth will ſeparate from the red Powder, lying like a Cake under it. Before you Project upon inferiour Metals, ferment anew with three parts of ⊙ to one of the Elixir, giving three hours of extream fuſion, and all will be red Powder.

You may proceed in the ſame manner for ☽.

Note alſo, That when the Work of ☉ is at the white, it will Project upon Inferiour Metals, to make them like ☽, but in truth white ☉, enduring all the tryals of ☉.

If you digeſt in *B.V.* ten parts of Pearl in Powder, with one of the perfect ✳, it will become an Oriental Liquor, whereof a few drops is admirable for Health.

If you take four parts of ſuch ✳, and grind it well with pure red Coral in Powder one part, and ≏m, putting what riſeth upon as much of freſh Coral, repeating this four or five times, the ✳ will be red like a Ruby, and an admirable Medicine. All the Corals will diſſolve in a Cellar.

If you grind one part of it with ten parts of green *Venice* Talc, and put diſtilled dew upon it, ſix fingers over, and digeſt *in fimo*, all the Talc will diſſolve, and a ſplendid Oyl of rare effects ſwim upon it.

Hartman.) *Sir* Kenelm D. *ſaid, that a Perſon of Quality beyond the Sea (whom he named) wrought this Proceſs, and it happened at that time that his Wife was dangerouſly Sick, and like to die; ſhe was given over as a dead Woman by the ableſt Phyſicians: Upon that he opened the Veſſel, and gave her one grain of the Elixir; whereupon ſhe Recovered, and lived many Years after it in perfect Health.*

This Proceſs, and Saunier's *Work were together in a ſmall bundle of Papers tied up together by it ſelf, upon the out-ſide of it were written the following words, Perfumes, Curioſities, My great* Arcane *of this Note.*

A Miniera *of* ☉, *wrought by a Perſon of Quality in* Champagne.

TAke Sulphur-vive ℔ß. melt it in an Earthen Poringer, then ſqueeze into it ℔j. of ☿; ſtir it continually until the ☿ appear no more in the Sulph. Then let it cool, and grind to Powder, which digeſt in a Matraſs for two days with a ſtrong △. Then take it out, and grind it again; add to it its double weight of filings of ♂; mix them well together, and put them in a Retort, and diſtill over all the ☿: Mix this ☿ again with new Sulphur melted as before; digeſt in a Matraſs as before for two days, in the mean time grind the filing of ♂ (that you diſtilled the ☿ from) and waſh them well from all the foulneſs and blackneſs; Then dry them and grind them again with the Sulphur and ☿, and diſtill them in a Retort as before. Repeat this ſo often, till the filing of ♂ come to be of a yellow Golden colour, which will happen at the ſeventh diſtillation: Then take this ☿ and put it in a Retort, and diſtill only ℥j. of it, and with the remaining ℥viij. make an *aaa* with ℥j. of ☉, digeſt this *aaa* in an *Athanor* for nine Months, it will paſs all the due colours, and will become a *Miniera*, as followeth. To this ℥ix. of Matter put ℥iij. of ☿ prepared as before, and digeſt, and in ſix weeks you ſhall have ℥xij. ready to melt: And to theſe ℥xij. add ℥iv. more of ☿, and digeſt, and in ſix weeks you ſhall have ℥xvj. of *Miniera*. Note, that you muſt always uſe a ☿ prepared, as was ſaid for the multiplication of the *Miniera*: For if you ſhould take crude and unprepared ☿, you would have but an ordinary ≏tate after one or two multiplications.

Note, That the filing of ♂ is to be changed after three times, and new to be taken, which is to ſerve alſo three times: After which ſix times, you muſt joyn both the parcels of filing, and uſe them both at the ſeventh time, and if the ſign given you (of the yellow Golden colour) happen not at the ſeventh time, continue and repeat your Operation, with all your filing, until it do appear. When your *Miniera* is compleated, it will be a deep-red Powder, very ſhining, and at every time it is to become ſuch: If you multiply it with crude ☿, it will loſe its luſtre after twice, and not increaſe in fixed Metal.

The firſt time, you muſt put into one Glaſs no more than ℥j. of ☉, and ℥viij. of ☿: But when the *Miniera* is made, you may work even to fifty Ounces in one Glaſs, keeping always your due proportion.

Fixation of ♄ into ☽, with good Profit.

MElt ℔j. of ♄, then put in ℥ß. of ☽, and ſome ſcories of ♂, and a little red *Arſenic*; keep it in a ſtrong △ for three or four hours or more. Then the Crucible being cold, break it, and take out the Matter, and put it in a new Cruc. which muſt have a little hole in the bottom; put this Cruc. in a wind Furnace, and melt the Matter again, putting under the Furnace a Baſon with ▽ to receive the Matter as it melteth and runneth through the Cruc. Take this Matter and melt it again with the ſame quantity of ☽, and new ſcories of ♂; keep it in fuſion as before. Reiterate this Operation ten or twelve times, until the ♄ is very hard, being impregnated with ☽; then put it to Coppel with ℥j. of ☽ to every ℔. of this Mixture.

The goodneſs of the Operation conſiſteth in the fixation of the ☿ which is in the ♄ by the Sulphur of ♂: Therefore you muſt keep the Matter a long time in fuſion, that the

Sulphur of ♉ may act ſtrongly upon the ſaid ☿.

To fix ☿ of ♉, or the Common ☿.

TAke ℥j. of ☉ in leaf, and ℥iv. or v. of ☿ : Make an *aaa*, which put in a Retort, and digeſt it in Horſe-dung for eight days, then diſtill in Sand, giving ſtrong △ at laſt, and the ☉ will go over with the ☿, and if any of it remain in the bottom, *aaare* it with the ſame ☿, and digeſt three or four days, and then diſtill as before, and all the ☉ will go over with the ☿, and you ſhall have a ☿ well animated.

Take ℥iij. of this ☿, *aaare* it with ℥j. of ☉; grind the *aaa*, and put it in a Matraſs half luted; digeſt for eleven days by graduated △, and all will be a red Powder.

Take ℥iij. of this Powder, and project it upon ℥j. of ☉ in fuſion, and all will be tranſmuted into ☉.

Then take the remaining ℥ of Powder, and *aaare* it with ℥iij. of the ☿ animated; digeſt as before, and in nine days your Powder will be perfected as before. Take theſe ℥vi. of Powder, and unite it with ℥xij. of new ☿ animated; digeſt without ☉, and you will have a perpetual *Miniera*, part whereof you may reduce to a Body when you pleaſe, by projecting it upon ☉; and the other will ſerve for a Ferment, which will never fail, being it ſelf all ☉.

This ☿ animated may be fixed without ☉, by a gentle heat, being it ſelf a liquid ☉; but to ſhorten the Work, you may add ☉.

A Reality upon ♃.

TAke ℥ij. of ♀ in thin Plates, and ℥j. of ſmall Nails, put them in a Cruc. in a Furnace, and when they are very red, caſt in ſome Sulphur upon them, at ſeveral times, that they may melt well; when they are like Paſte, caſt in ſome ♃, and ſtir it with an Iron Rod to make them well incorporate. Leave it in good fuſion for five or ſix hours, ſtirring it ſometimes. Then take out the Cruc. and let it cool, then break it, and you ſhall find but a little *Reg.* at the bottom, but many yellow lumps at the top, which beat to Powder. Then melt ℥j. of fine ☽, and project ℥iij. of the Powder, ſtir it with an Iron Rod, keep it in fuſion for eight or ten hours. Then put it to Coppel, and ſeparating ▽, and you ſhall have fine ☉.

Hartman.) *This Proceſs is alſo confirmed with a* Probatum.

Fixation

Fixation of the ☿ *of* ♂, *as Monsieur* de la Noüe *wrought it at* Paris.

TAke ☿ of ♂ and ☉ *ana* ℥j. Oyl of Vitriol ℥vj. Diſtill to dryneſs; take what is mounted, and joyn it again to the Feces, and put the Oyl upon it again that diſtilled over; diſtill as before. Repeat this ſo often, till nothing more come, diſtilling every time in a new Retort; at the twelfth or fifteenth diſtillation, all the Matter will remain in a red Powder.

Take Sulphur-vive, and Aſhes of *Alican ana* equal parts, of which make a lixive with common ▽; filter and evaporate, and you ſhall have a Sulphurious Salt: Take of this Salt and of the ſaid Powder *ana* gr. vj. ☿ of ♂ ℥j. filings of ☉ ℥ij. mix and grind all well together, and put them into a Matr. with a long neck; make a △ about the middle of the neck of the Matr. in an Iron pan with a hole in the middle through which the neck of the Matr. may paſs; let this △ be ſtronger than that below; continue the △ for ſix hours: Then caſt your fixed Matter into a Bath of ☉.

Preparation of the Powder, with which Claudius de Montrouge, *and Abbot* Oberye at Paris *fixed* ☿ *of* ♁.

THey melted ℥iv. of Sulphur in an earthen Poringer, then they ſqueezed into it through a leather ℥j. of ☿ of ♁ made of *Regulus* of ♁, ✱, and ☿ △mate (the ☿ of ♁ without addition had been better, but they had none) and whilſt the one ſqueezed the ☿ into the Sulphur, the other kept ſtirring continually with an Iron Spatul ſo long until the ☿ did no more appear in the ſaid Sulphur, and that all was converted into a grayiſh Citrine Powder (the colour is variable, according as you govern the △, ſometimes it will be red like Cinaber.)

To this Powder they took ℥j. of ☉ in Calx, and ℥j. of the Salt that is found in the Pots at the Glaſs-Houſes, which Salt they diſſolved, filtred, and congealed: They grinded all well together, the Powder, the ☉, and this Salt: Then they put all into a Retort, and put upon it ℥xxiv. of good Oyl of Vitriol well rectified; to this Retort (being put in Sand) they adapted a large Glaſs-receiver, the junctures being well luted, and the lute dry, they diſtilled by degrees of heat, at laſt gave ſtrong △. It was ten or twelve hours before the Oyl came over. All being cold, they broke the Retort, and took ou the Matter which remained in the bottom, which they did put into a new Retort, pouring upon it the Liquor with the flowers of Sulphur which were in the Recipient: Then joyning again the Receiver, and luting well, and the lute being dry, they distilled as before. They reiterated this Operation twenty times, grinding every time the Matter, and joyning it with the Liquor and Flowers.

At the twentieth distillation, the ſmall quantity of Liquor that came over, was almoſt all flegm; then they took out the Matter that remained in the Retort, and put it into a Viol, which they ſtopped very cloſe, and kept it in a dry place, becauſe that ſo ſoon as it felt the Air, it grew moiſt.

With this Powder they fixed the ☿ of ♄, which being mixed with the Calx of ☉, and held in the hand, grew ſo hot, that they were not able to hold it in their hands, no more than a piece of Iron red-hot, as every one of them made Experience, caſting it into a Baſon full of 🜄, which they had ſtanding by for that purpoſe.

They wrought the ſaid Fixation in an Iron barrel of a Gun, thus. They put about ſixty grains of the aforeſaid ☿ only (becauſe they had no more) △ into the ſaid Barrel, then they gave the △, firſt above for two hours, and afterwards below for one hour, keeping that above always ſtronger than that below; then they heard the ſaid ☿ begin to roar, and make a noiſe in the Barrel; then they caſt into it a little more than one grain of the fixative Powder, wrapt up in paper; and then they continued the △ for ſeven or eight hours, after which time they heard no more noiſe at all; then they judged that the Work was done, and let the △ go out; and the Barrel being cold, they found about twenty grains of good ☉, which endured all the Trials of ☉.

Hartman.) *This Relation is of Sir* K. *himſelf, written in the* French *Tongue.*

A Proceſs to fix the Common ☿ by the Salt of ♄; wrought by Captain Ziegler *at* Ments, *and ſent me by him.*

MElt ♄ in an Iron pan, let it be red-hot, then caſt in ſome Salt, ſtir it until it be reduced to Powder; ſift this Powder finely, and that which will not go through the ſize, muſt be Calcined as before: Then edulcorate this Powder with warm ▽, and you ſhall have a Calx as white as Ceruſe, which put into a Matraſs, and extract the Salt out of it with diſtilled Vinegar *ſ. a.* after three or four days digeſtion, decant the diſtilled Vinegar, and put on freſh; digeſt as before, ſhaking the Veſſel often; Repeat this three or four times, or ſo often, till the *Sp.* of *V.* hath extracted all the Salt. Then put all your *Sp.* of *V.* together and filter it, then diſtill it off in a Retort, until you ſee the Salt of ♄ remain in the bottom like deep-red Oyl, which being cold, will be white like Sugar-candy: Grind this Salt, and put it into a Metraſs, and extract it with *Sp.* of *V.* as before. Repeat this purification three or four times, and you ſhall have a Salt of ♄ well prepared for this Work.

An A. F. to be uſed in this Work.

TAke Salt ℥iv. Nitre ℔j. mix them well together with ℔iiß. of Powder of bricks; put all in a Retort, and diſtill by graduated △, forcing over the Spirit ſtrongly at laſt: The diſtillation will be performed in ſixteen or eighteen hours.

Take ☿ ſeven parts, fine ☽ one part; make an *aaa*, which put into a Retort, and pour upon it ſo much of the *A. F.* as may cover it a large fingers breadth; Let it ſtand twenty four hours, then diſtill it in Sand; when it is cold, cohobate the diſtilled *A. F.* upon it again, and diſtill as before. Repeat this three or four times; then break the Retort, being cold, and take out the *maſs*, which grind to a fine Powder, and put it in an Iron pan, and hold it over a coal △, ſtirring it continually with an Iron Rod, until it be almoſt red-hot, and that it be converted into a red Powder, like red [illegible]. Take of this red Powder two parts, and of the aforeſaid Salt of ♄ one part, reduce them to a fine Powder, which put into a Matraſs, and digeſt it in Sand for eight days: Then put it to Coppel, and you ſhall have half your *Luna* fixed into fine ☽.

Item. When Sir *K. D.* was at *Franckfort* in *Germany*, where he lived a year and half, in the Year 1659. he went forth from *Franckfort* to *Mentz* (being four *German* Leagues diſtance) to Viſit the Prince Elector there: Then he converſed alſo with this Captain *Ziegler*, who was a famous Chymiſt. And when Sir *K.* returned to *England* about the time of the Kings happy Reſtauration, the ſaid Captain ſent him this Proceſs written in the *German* Tongue; aſſuring him that he had done it. He ſaid, that the ☽ which he got, he put to ſeparating ▽, and he had ſome ☉ out of it. He ſaid alſo, that he thought this Salt of ♄ would fix ♀, in ☉ if the *maſs* were made with ☉ inſtead of ☽.

A Work upon Cinaber, wrought by Monſieur Sauvage.

TAke Nitre and ✳, *ana*, which diſſolve in Rain ▽; filter and evaporate to dryneſs: Then grind this double Salt to ſubtil Powder; take a large Crucible, in the bottom whereof put a bed of Quick-lime in Powder, upon that put a bed of this Salt, cover it with another bed of Quick-lime the ſame quantity as before, taking two parts of Quick-lime to one of Salt. Cover the Cruc. with another, without luting them; put this in a Bakers Oven after the Bread is drawn, let it ſtand as long as there is any heat in the Oven; when the Oven hath been heated again, and the Bread drawn, ſet it in again; do this three times: Then keep it in a ſtrong △ for ſix hours, and being cold, take it out, and put it into ▽, and let it boyl in an earthen Pot eight or ten walms. Then filter it hot, and evaporate to a dry Salt, which put in a ſtrong Bottle, and keep it cloſe ſtopped in a dry place: Then take two parts of this Salt, and of Salt of ♄ one part, mix and diſſolve them in diſtilled Vinegar.

Then take Cinaber, pulverize it, and make a Paſte thereof with the yolk of an

Egg; of this Paſte make little Cakes in the ſhape of the heads of Horſe-ſhoe-nails; make them pretty thick, and put them in an earthen Pot, pouring upon them of the aforeſaid diſſolution, ſo much as may cover them the breadth of three or four fingers; boyl this together until it come to be like Honey: Put more diſtilled Vinegar upon the Cakes, and boyl it as before. Continue this for three days; then waſh the Cakes in fair ▽, and you will find them ſomething Metallized. Filter the ▽, and evaporate to a Salt, which will ſerve again for the ſame uſe, adding Salt of ♄.

Take of the fixed Salt without Salt of ♄, and of good *Venice* Ceruſſ *ana* equal parts, grind and mix them well together; then put a bed thereof about the thickneſs of a Crown, into an Iron Box, then put a bed of Plates of ☽ upon that, and then the Powder again upon the ☽, the ſame quantity as before; upon that put a bed of your lumps of Cinaber, then Powder, then Plates of ☽, then the Powder again; and thus continue ſtratifying until your Box be full, the Powder being the firſt and laſt; Then put on the cover of the Box, which you muſt faſten, and ſecure it well with Iron hooks. Then you muſt have another Box of Iron, made big enough to contain the firſt, and that there be the ſpace of a fingers breadth between, at the bottom, on the ſides, and at the top; the Boxes muſt be ſquare, and you muſt have two Iron hoops made in the ſhape of a Crown with crankles; put one of them into the bigger Box, turning the teeth or crankles downwards, upon which ſet the leſſer Box; put ſome pieces of Iron on the ſides, to keep the leſſer Box at an equal diſtance from the ſides of the bigger: Then put on the other hoop upon the leſſer Box, keep it down with ſome heavy thing whilſt you pour in ſome melted ♄ into the bigger Box, ſo much as may cover the leſſer Box a fingers breadth. Then put on the cover of the bigger Box, and faſten it with Iron hoops and wedges to keep it cloſe: Then the Box being yet hot, put it into an *Athanor* where the △ is kindled, let the Regiſters be ſhut, ſo that there be but a very moderate heat, ſuch as where you may endure your hand; continue the firſt degree for three days, ſo that all that while the ♄ may be but melted, then increaſe the heat for three days more, and ſo increaſing the heat every third day, continue in all three weeks; the laſt three days the △ muſt be very vehement. Then let all cool, and take out your lumps, and reverberate them with very gentle heat for twelve hours, and they will be of a whitiſh gray colour.

Then melt it in a Cruc. and caſt theſe lumps into it, digeſt this Matter together for three days, then put it to Coppel. Note, that if you caſt this Maſs into melted ☽, and digeſt it three days before you Coppel it, you ſhall have more profit than if you teſt it without digeſting it.

Note alſo, that if you will continue your Work, you need not uſe any more Plates of ☽, but only the Cakes as they are, and before they are reverberated, uſing them inſtead of the ☽, being pulverized, and they will be the more fixed, and the profit will prove very conſiderable.

You muſt have of ☽ and Cinaber *ana* ℥vj. and of the double Salt and Ceruſe *ana* ℥iv.

Tincture of Mars.

Diſſolve filings of ♂ in *A. F.* made of Vitriol, Nitre, Allom, and Cinaber; then pour upon this diſſolution diſtilled Vinegar, double the weight of the *A. F.* ſhake it well together, and digeſt in *B.* for three days, then decant the clear, and filter it; evaporate it gently: Then grind it with two parts of ☿ ♒mate, Sublime the ☿ from it four times; then diſſolve it again in diſtilled Vinegar, and evaporate it gently; then diſſolve it in diſtilled Rain ▽, and congeal it gently: Repeat this laſt ſolution till it is not corroſive upon the Tongue; then in ℥iv. of Rectified Spirit of Vitriol diſſolve ℥j. of this Sulphur of ♂, and ʒij. of Sulphur of ☉ made the ſame way, except the firſt ſolution of the ☉, which muſt be an *A. R.* made of Salt, Nitre, and Vitriol; mix theſe two laſt ſolutions together, and digeſt *in fimo*, then coagulate it gently, diſſolve again in Spirit of Vitriol, and coagulate; Repeat this ſeven times, and if any feces remain at laſt, leave them out. Try this Medicine upon a hot Plate of ☽, if it penetrate and tinge it throughly without ſmoking, it is a ſign of its perfection; but if it ſmoak, you muſt diſſolve it again, and gently coagulate. Then melt ℥j. of ☉, and caſt upon it by little and little ʒj. of this Medicine, and when all is entred and incorporated with the ☉, caſt it in Ingot, and you ſhall have a Matter as brittle as Glaſs, and tranſparent like a dark Granade ſtone, and fuſible as ♄. Then melt fine ☉ and fine ☽ *ana*, and project of this Medicine upon it, and you ſhall have pure ☉.

To fix a quarter part of ☽ into ☉.

TAke filings of ☽ ℥j. *āāāmate* it with ℥iv. of ☿, put this *āāā* in a Retort, and diſtill off the ☿; take the ☽ and re-*āāāmate* it with the diſtilled ☿; diſtill as before. Repeat this three or four times, and the ☽ will be a Powder impalpable. Take ✱ and Cinaber *ana* ℥jß. ☿ ≏mate ℥ß. grind and mix them well together with the ☽: Then ≏me it with gentle heat, mix what is ≏med with that which remaineth in the bottom, and Sublime as before. Then take both Feces and ≏mate and mix it with Sulphur of ♀ and *Crocus Martis*, and of a *Regulus* made of ♁, ♂, and ♀, *ana* ℥ß. grind all together with a little ✱. Then Sublime it four times with gentle heat, adding every time a little ✱, because it openeth the body of ♂ and ♀, and uniteth them with the ☽. Then grind all well together, and digeſt it in the following ▽. Take Nitre, Vitriol, *ana* ℔j. ß, Sulphur, Verdigreaſe, and *Auripigmentum ana* ℥iv. Make an *A. F.* of this, *ſ. a.* Or take common *A. F.* ℔j. diſtill and cohobate it three or four times upon the ſaid Materials, giving ſtrong △ at laſt. Then put your Powder into a Retort, and pour upon it ſo much of the *A. F.* as may cover it the breadth of three fingers, diſtill it off with a gentle △, then cohobate and diſtill three or four times: Then put fair ▽ into the Retort, and digeſt for five or ſix days in Sand; then evaporate to dryneſs: Then take out this Matter and pulverize it, and weigh it. Then melt as much ♄ as you have Powder, and caſt your Powder upon it by parcels, melt it with a ſtrong △, then let it ſtand in the △ until the △ go out of it ſelf; then take it out, and you will find a *Regulus* in the Cruc. which Coppel, and then put the ☽ to ſeparating ▽, and you ſhall have a fourth part of fine ☉.

A Work with Butter of ♁.

THE Work, which Monſieur *Perduſſin* of *Lyons* communicated to P. *A. Dieudoné*, is to make a Butter of ♁ with ♁ Mineral, and ☿ ≏mate, *ana* ℔j. Of this take ℥ij and digeſt it in a Matraſs ſealed Hermetically in an *Athanor*, and it will putrifie, growing as black as pitch; then paſs the Colours: That done, take one part of leaf ☉, and three of this Powder, grind them well together, and digeſt as before, it will become black as at firſt, and paſs all the Colours. This proportion of ☉ for ferment, you may divide into ſeveral parcels, for ſeveral times, ſo each Revolution will be ſhorter, when the whole doſe of ⊖ hath fermented the firſt ſtone: This product ſerveth for ferment to multiply in quantity and quality. The P. wrought the firſt part, and had perfect putrefaction.

An Excellent fuſible Salt.

P. *Benin de Beaune* maketh his fuſible Salt thus: Decrepitate and Reverberate Salt, then diſſolve it in fair ▽, filter and congeal. Repeat all this Work four or five times: Being perfectly pure, diſſolve it in ſpirit of Vinegar, filter and congeal; repeat this with diſtilled Vinegar once again: Then it is perfectly fundant.

Another fuſible Salt.

Diſſolve Salt in Rain ▽, filter and congeal, when the ▽ is almoſt evaporated, and that the Salt falls to the bottom, take it out with a wooden Spoon by little and little, until the ▽ is exhaled: Grind this Salt (being very dry) and reverberate it in an Earthen Veſſel cloſe luted; let the Veſſel be red in the △, but the Salt muſt not melt, ſo ſoon as you ſee the Veſſel red, let it ſtand until the △ is gone out: Then grind it and reverberate it as before; diſſolve and congeal as before. Repeat this until it is perfectly fundant. Note, that you muſt not decrepitate your Salt.

An Operation with a Martial Regulus *of* ♁, *wrought by Monſieur* Toyſonnier.

HE made a yellow Martial *Regulus* thus: Ignifie ℥iv. of Nails in a Crucible, then put upon it ℥viij. of good ♁, and give ſtrong △ in a wind Furnace, to make all melt well, which to promote, caſt in ſome Salt-petre; then caſt it in an ♁ Horn, and ſeparate the Feces from the *Reg.* Ignifie ℥ij. of Nails more, and caſt thereon the Feces (this Work muſt be done preſently after the firſt) adding Salt-petre to make all melt well and clear: Then caſt it in a Horn, and ſeparate the ſcories from it, and waſh it clean; it will be firſt white, but after a day or two will be yellow within as well as without.

Take of this *Reg.* and of ☽, *ana* ℥ß. melt them well together (he poured a little ☿ in them when they were near ready to congeal, and ſtirred with an Iron Rod, but the Maſs took in little above ℥j. of ☿.) Beat it to Powder, add to it eight or ten parts of ☿, and grind exceedingly till they incorporate, (which required about twelve compleat hours, often heating the Matter and Inſtruments.) Then ſqueeze away ſo much ☿, that there remain only ſix parts; digeſt it three days in Sand by degrees, at laſt, very hot. Put the remaining Calx to Coppel with four charges of ♄, adding a little freſh ☽ to make it work better. Put the Maſs, *en depart*, and you ſhall have twenty ſix gr. of good ☉.

(Hartman.) *The ſaid Monſieur* Toyſonnier *was Sir* Kenelm's *Operator; he was a* French-man, *and a very able* Chymiſt, *Sir* K. *brought him over with him from* Paris, 1660.

Butter of ♁ to Extract the Tincture of ☉.

Digeſt Butter of ♁ ſix weeks or two Months, and then put it upon a well opened Calx of ☉, and digeſt it, and the *B.* will extract the Tincture of ☉, which digeſt, *&c.*

To fix ☽ into ☉; given me by an Intimate in England, who told me that he wrought it as followeth, by taking his hints out of Lully's Experiments.

HE made a *Mercurial* ▽, as he teacheth, by his Veſſel with three Bouls in three Furnaces (which *Mercurial* ▽ will return again into running ☿ after a little digeſtion) and to this he put ſome pure white Salt of Tartar, and ſome ☿ water, that had been wated by it ſelf with three or four Months digeſtion, and ſome Calx of ☽ exceedingly well opened, and very ſubtil: This he digeſted a good while, and drew off the ▽, and cohobated ſeveral times, after which he did put ſome Tincture of ♂ unto it, and digeſted and cohobated anew; and in the end he found almoſt all the ☽ converted into ☉, that endureth all Tryals, but it was a little pale. *In Lully you may find Directions to make all the things that were uſed in this Work. The Salt of Tartar, was but the fixed, reduced to its higheſt purity; but it ſhould have been Volatiliſed, and made to paſs over with the* Mercurial ▽, *to acuate and animate it. He believeth the great Work is to be made with a* Mercurial ▽, *animated with a Volatile Salt of Tartar, to* *ſerve for a* Menſtruum *or* Alcaheſt *to diſſolve ☉ and ☽. Weigh well what* Lully *ſaith of theſe things.*

Mallus *his Proceſs to fix ☽: Wrought by Monſieur* Ferrier; *and given me by him,* 1660.

TAke an *A. F.* made of equal parts of Vitriol and Nitre, pour of it upon Sulphur and ✱, *ana* (four parts of *A. F.* to one of Powder) diſtill it off to dryneſs, and make Sublime what will. Melt ℥iv. of ☽, caſt upon it ℥ß of Sublimed Salt when the ☽ is in good fuſion: After it is entred caſt in Ingots, melt again, and project a new Packet of Salt, doing all as before. Do this four times, ſo ſpending ℥ij of Salt upon ℥iv of ☽. Then put it *au depart.*

To fix ☽ *by a* Mercurial *Water.*

MAke *Mercurial* Water by means of an Earthen Retort that hath a Pipe or Spout behind in the upper part, through which you caſt in the ☿ when the Retort is red-hot. Take of this ▽ (well rectified) ten parts, and one of a well rectified Oyl of Vitriol; diſtill them together, till they be perfectly united. Then take of this Men-

ſtruum ten parts, and one of a well Calcined ☉; digeſt them together in a Matraſs (Sealed Hermetically) until the ☉ is well diſſolved: Then take it out, and put the Matter into a low Cucurbite, and diſtill until the drops come Acid. Then let it cool, and put the Matter into a Matraſs, Seal it Hermetically, and digeſt in an *Athanor*, until it be perfectly fixed into a red Powder.

Monſieur Bertault's *Tincture of* ☉ *by* Venus.

TAke Sulphur and Borax, *ana*, melt them together three times, grinding the matter every time; then melt ☉ and ♀ *ana*; and caſt upon them of the ſaid Compoſition, until the ♀ be reduced to *æs uſtum*; then caſt in Ingot, and beat it with a Hammer, to cauſe the *æs uſtum* to ſcale off from the ☉. Then melt this ☉ again, and project as before. Repeat this three times, and you ſhall have a ☉ as red as blood, and this Tincture will hold the Teſt.

Note, that when you beat your ☉, if you ſee that the *æs uſtum* do not all ſcale off from the ☉, you muſt melt it again, and project more of your Compoſition until it come all off in ſcales, and be all ſeparated from the ☉, which it ought to do at every time.

To fix ☽ into ☉.

DIſtill from ☿ ≏mate a Spirit, wherein diſſolve an *ꜳ* of ☉ and ♀ into a white Powder, which digeſt in Aſhes until it be as red as Cinaber. Then diſſolve it in *A. R.* into a red water, which reduce again to Powder, which project upon ☽.

Another Tincture of ☽.

DIſſolve ℥j. of ☉ in *A. R.* and ℥iij. of ☽ in *A. F.* Precipitate them, and then unite them together, and diſtill their Spiritual Eſſence, which by degrees of heat fix into a Blood-red Powder, which tingeth ☽ into ☉.

An Operation with ☉ and ☿ of ♁: Wrought by Monſieur Chambulan, *and given me by him.*

TAke ℔ij. of good Salt of Tartar, Calcine it, ſo that it be glowing hot for twenty four hours, in a Pot cloſe luted; then diſſolve it in flegm of Brandy, filter, and evaporate; Calcine it again as before, diſſolve and congeal as before. Repeat all this Work four or five times, or until it leave no more Feces in the filter: Then Calcine this Salt again for ſix hours, and then pulverize it whilſt it is yet hot, and put it in a large Cucurbite, and pour upon it by little and little of good *Nants* Brandy, ſo much as may cover it the breadth of four fingers, cover it with a blind head, or with another Cucurbite, that may enter into it, lute well the junctures, and digeſt in warm Sand for ſix days; then put on a head with a Limbeck and a Recipient, and diſtill over with a gentle heat all the *S. V.* then let it cool, and pour on freſh Brandy, digeſt, and diſtill as before. Repeat this Operation five or ſix times, or ſo often till your Salt of Tartar remain in the bottom like a red and tranſparent Oyl, which will be very fiery and penetrating, reducing all Metals into running ☿, being firſt duly prepared; keep this Oyl cloſe ſtopped.

Then take ℔viij. of the Aſhes of burned Vines, whereof make a ſtrong *Lixivium* with ℔xx. of fair ▽, then in ℔xij. of this *Lixivium*; diſſolve ℔j. of Salt of Tartar, filter this diſſolution, and digeſt it in Sand with a ſtrong △ for ſome time; then caſt into it ℔j. of *Regulus* of ♁, that hath been melted and purified ſix or ſeven times with Tartar and Salt-petre, and then reduced to a ſubtil Powder: Make it boyl for ſix hours, until untill the *Lixivium* be very red and ſtinking; then let it ſettle and cool, and decant the clear, and waſh the Powder with fair ▽, then dry it, and grind it upon a ſtone, imbibing it with the red Oyl of Tartar beforementioned, untill it be like a Pap, then dry it, and imbibe it again, and grind as before. Repeat this ſo often till the Powder hath taken in double its weight of the ſaid Oyl of Tartar: Then put this Matter in a Body with a blind head, lute well all the junctures, and digeſt *in fimo* for twenty days; then take it out, and you will find your Powder converted into running ☿, which waſh well with hot ▽, then with Salt and Vinegar, and then with fair ▽, then ſqueeze it through *Chambo*-leather. Then take ℥ii. of this ☿ of ♁, and ℥x. of Common ☿ that hath been diſtilled over in a Retort with Tartar and Quick-lime, and then waſhed with Salt and Vinegar; mix theſe two *Mercuries* together and ſqueeze them through a leather, then put them in a Cucurbite, lute another Cucurbite upon it, and digeſt *in fimo* for fifteen days, then put a head to it, with a Limbeck, and diſtill in Aſhes, and all the Common ☿ will diſtill over drop by drop as ▽, and the ☿ of ♁ will remain in the bottom like a clear Oyl, and will be of a fragrant ſcent: Rectifie the ▽ in Aſhes, and the Oyl with a ſtronger △ in Sand, and keep them by themſelves. Then melt ℥ij. of ☉, and ℥j of ☽, then caſt in Ingot, and beat it into leaf, or reduce it into fine filings, and make an *aaa* with ☿, diſtill this *aaa* in a Retort until all the ☿ is diſtilled over; then put this *aaa* in a Matraſs, and pour upon it ℥x. of the *Mercurial* Water before-mentioned: Digeſt it, and in a few hours all will be diſſolved. Put this diſſolution in a Retort, lute a Recipient to it, and having luted well the junctures, diſtill in Sand, and all will diſtill over except a few black Feces; dephlegm it with a gentle heat in *B. M.* diſtilling until nothing more come over. Take of that which remaineth in the bottom of the Cucurbite ℥iv. put it in a ſtrong Matraſs, and put to it ℥viij. of your Oyl of ☿ of ♁; Seal it well, and digeſt it with a Lamp △ in Aſhes, and in fourty days all will be fixed into a red ſtone; then take out the Matraſs, and put it to a ſtrong △ in Sand to Sublime it for twenty four hours, and all will melt like an Oyl, which will congeal in a cold place into a red ſtone.

Fermen-

Fermentation.

TAke ℥iv. of this red ſtone, pulverize it, and ſtratifie it with ℥j. of ☉ in leaf between two Crucibles well luted; put this to a Circulary △ by degrees for ſix hours, then cover it with Coals, ſo that it may melt and unite well together: Project ʒj. of this Powder upon ℥x. of boyling ☿ (well purified) and all will be converted into a Medicine, which will project upon great quantity of ☿, tranſmuting it into fine ☉.

Elixir of ♁, ☉, *and* ☿.

TAke good Mineral ♁, mortifie it with radicated Vinegar; then ſeparate its Quinteſſence with pure *S. V.* With that Quinteſſence diſſolve ☿ *duplicatum* of ♁, that both become an Oyl, which unite with a ſubtil Calx of ☉, and bring them to an incombuſtible Oyl, which will tranſmute ☿ into ☉.

Elixir ex ☉ *&* ☽.

DIſſolve ☉ (well purified by ♁) in *A.R.* then reduce it into a blood-red Oyl with radicated Vinegar, and Tartariſed *S.V.* Then with this Oyl imbibe a natural Sulphur of ☽, and fix them by graduated △. This is a high Projection upon ☽.

Elixir Album.

SUblime ☿ three times from Vitriol and Salt-petre, then in hot Sand fix it ſo, that in ſtrong heat it may not riſe, which may be performed in three weeks time: Then Calcine it in a cloſe Reverberatory △, and it will be ready for ſolution. Then take the Water which diſtilled over in Subliming the ☿, and diſſolve in it a little ✱, and ☿ 🝞mate, with this ſolution mix Calcined Vitriol to the thickneſs of Honey, digeſt *in fimo* one and twenty days: Then diſtill by degrees a little at a time (for it yieldeth a very fiery Spirit) let the Recipient be large. When all is come over that will, rectifie it; then in this Spirit diſſolve the afore-ſaid fixed ☿, ſo is the *Menſtruum* prepared.

Then take a white Calx of ♃, pour upon it ſo much of this *Menſtruum* as will cover it, let it ſtand eight days as before. Repeat this till the Calx will take in no more of the ſaid *Menſtruum*, then let it ſtand till it become firſt black, and then white, Subliming it ſelf above the *Caput Mortuum*, from which carefully ſeparate the white, and that is *Sulphur naturæ Jovis*, which put into a little Matraſs and fix it, (which may alſo be done by frequent ♎mation) make alſo *Sulphur naturæ* ☽ in the ſame manner, and with the ſame *Menſtruum*, which diſſolve into Oyl in *B*. with which imbibe the ſaid *Sulphur naturæ Jovis* until it be fuſible, and then it will tranſmute ♃ into ☽.

Elixir Rubrum.

TAke Vitriol of ♀ well purified by Solutions and Coagulations, unite it with Liquor of ♀ ♎mate and ✱, then diſtill a ▽ from it in Aſhes; then having ſtood (cold) twenty four hours, diſtill more ▽ from it. Repeat this until the remaining Matter be well broken; then joyn all the diſtilled waters to it again, and digeſt it *in fimo* for 40 days: Then diſtill its Spirit, with which imbibe the remaining Earth; dry it with a gentle heat, then imbibe again, and dry as before: Repeat this till the Earth hath imbibed all its ▽. Then diſtill it, and you ſhall have a Philoſophical ☿, and what Sublimeth is the Sulphur, which keep apart. Repeat the imbibition and diſtillation, till no more Sulphur will aſcend; with this Sulphur imbibe half its weight of the ♀, put them into a Matraſs, which Seal Hermetically, and fix them together; and this Work muſt be repeated four times, every time with the ſame proportion of the ſaid Philoſophical ☿. Then fix this Matter in a Veſſel Sealed Hermetically by degrees of △, and all the colours will appear one after another, until it become white, and laſtly, to an incombuſtible red.

Take one part of this red Powder, caſt it upon ten parts of Sublimed ☿, ſet it to putrifie for thirty days, and it will become Oyl, which being Projected upon boyling ☿, will tranſmute it into pure ☉.

The ſaid red Powder being infuſed in Wine over Night, and drank in the Morning, Cureth moſt Diſeaſes in Mans Body.

The beſt way to Extract the ☿ of ♀.

Sublime Flowers of ♁ after *Glauber*'s way, in great quantity, in caſting the ♁ in Powder upon kindled Coals in a Furnace with many Pots one upon another, wherein the Flowers ſettle. The Flowers which are

TAB I

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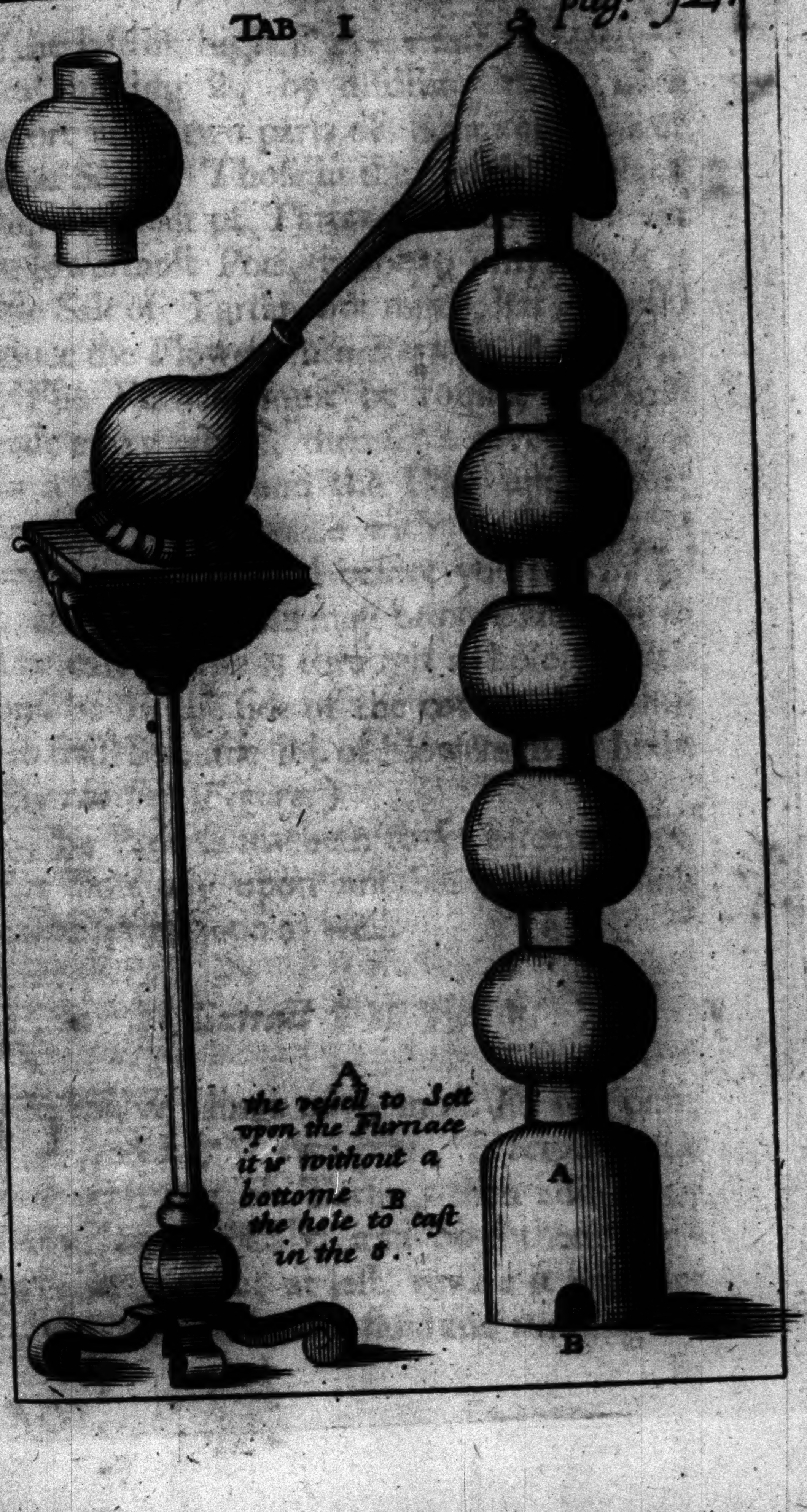


A
the veſſell to Sett upon the Furnace it is without a bottome B *the hole to caſt in the 8.*

in the laſt or higheſt Pots muſt be received into running ☿, by diſtilling them in a Retort with two parts of Soot, and one of black Soap. Thoſe in the middle, by black Soap and Salt of Tartar: Thoſe that are in the lowermoſt Pots, by Soap only, with a little Salt of Tartar, not much, leſt it ſhould reduce the Flowers into *Regulus*.

The Furnace muſt be round, and well made every where, then ſet a cover upon it like a Funnel, and the Pots upon that; then fill the Furnace with Coals, and let them be well kindled before you caſt in the ♁, that the Flowers may be pure and white; then caſt in the ♁ through a hole, which muſt be on the ſide of the cover: And thus you ſhall Sublime ℔j. of Flowers in an hour. (*See the firſt Figure.*)

The Proceſs teacheth to ſet fifteen or ſixteen Pots one upon another; but I think five or ſix may do as well.

To Extract ☿ *of* ☽ *or* ♄.

Diſſolve filings of ♄ in *A. F.* one part, and fair ▽ two parts, Precipitate the Calx with Salt of Tartar, then add crude Tartar to this Calx, and boyl them together a long time; at laſt, revive it with hot ▽, and you ſhall have a fluid and running ☿.

In the ſame manner you may proceed with ☽.

To make a Minera of ☿ *of Antimony, ad Infinitum.*

TAke of the ☿ revived from the Flowers above-mentioned ℥viij. Sublime it with Salt and Vitriol, according to Art: Then take of this ☿ Sublimate and ♁ in fine Powder, equal parts, mix them well together, and diſtill a Butter thereof, giving gentle fire for four hours, then diſtill with a ſtrong fire, and the ☿ will diſtill in great quantity. Note, that when the Butter is come over, before you increaſe the fire to drive over the ☿, you muſt change the Recipient, putting on another full of water impregnated with ✳. Then take the Cinaber and mix it with black Soap and a little Salt of Tartar; then diſtill, and you ſhall have near the whole quantity in running ☿. That which remaineth in the bottom is the true Sulphur of ♁, of which make a *Lixivium* with ▽, and Precipitate the Sulphur.

Another

Another way to Extract the ☿ *of Antimony by an* A. R. *Given me by Monſieur* Carton.

TAke Salt-petre of the firſt boyling without refining it any more, and Vitriol and ✱, whereof make *A. R.* after the *Dutch* way of making *A. F.* where they put an hundred pound of Matter into a large Iron Pot with a large earthen head, to which they joyn a large ſtone-receiver or a ſtone Pitcher: The junctures all well luted with a lute made of Sand, Quick-lime, and Water: They gave △ by degrees, at laſt very ſtrong; the diſtillation will be performed in twelve hours. Then let all cool, and take out the *A. R.* Note, that in diſtilling this *A. R.* if your Recipient be not very large, it will be needful to keep wet Cloaths doubled upon the Rec. to abate and condenſe the violence of the Spirits.

Then take ♁ Mineral in fine Powder, which put into large Jar-glaſſes, ſuch as they keep thin Sweet-meats in, which are as large at the top as at the bottom: You muſt have many of theſe Glaſſes, but put not too much into one Glaſs, pour a good quantity of the *A. R.* above-mentioned upon this ♁, ſtir and ſhake them well together by turning the Glaſs in your hands (ſeveral times a day) for ten, twelve, or fifteen days, keeping the Glaſſes ſlightly covered with a wooden cover: And if you put theſe Veſſels to digeſt in ſome gentle heat, it will be the better.

Note, that the Secret conſiſteth in well opening the body of the ♁ by the *A. R.* And therefore when the time of the digeſtion is ended, and that you ſee the ♁ is diſſolved, or reduced into a white Calx at the bottom, ſtir it well together, that the *A. R.* which is at the top, may become as white as Milk. Then pour off this white Liquor (which containeth in it the Atomes of the ♁, which are very light, and are eaſily raiſed in the *A. R.* and are well opened) and let it ſettle, until all the white Atomes are ſettled to the bottom, and that the *A. R.* be clear at the top, which decant and put it back upon the ♁, where you poured it off, which was not diſſolved; ſtir it and digeſt it as before, then decant the white Liquor as before. Repeat this until you have reduced all the ♁ into Atomes or white Liquor: Then put all your white Liquors and diſſolved ♁ together with the *A. R.* into a Retort, and diſtill firſt all the *A. R.* with a gentle heat, until you ſee the ♁ almoſt dry, but not hard nor quite dry. Then change the Receiver, putting on another large Ballon of Glaſs with four or five quarts of ▽ impregnated with ℔j. of ✱: Diſtill by graduated △ for eight hours, then put ſome coals about the Retort upon the Sand; give at laſt very vehement △ above and below, for four hours more, at laſt, as vehement as poſſibly may be, and you ſhall ſee the Rec. filled with white fumes, which will revive into running ☿ in the water in the Recipient, and part of theſe white fumes will become a thicker ſubſtance, like melted ♄, and part like *Mercurius vitæ*; but of what conſiſtence ſoever they are, you may eaſily revive them all into running ☿, by waſhing them in warm water.

The ☿ of ♄ is made in the ſame manner, but in greater quantity, taking Oar of ♄ inſtead of ♁ Mineral.

To Extract the ☿ of ♁, or of ♄. Wrought ſeveral times by Monſieur Van Outre, *Phyſician of* Bruſſels.

TAke *Antimony* Mineral, (or a Calx of ♄) in ſubtil Powder, imbibe it with Spirit of Salt until it be like Pap: Digeſt it ſeven or eight days, or longer; then diſtill to dryneſs: Then change the Recipient, putting on another filled with ▽, impregnated with ✱. Diſtill it gradually ſo as and you ſhall have running ☿. (*Sir* Kenelm.) *This Extraction is upon the ſame Foundation as that which Monſieur* Garrot *gave me, with an* A.R. *which he hath done often.*

Butter of ♁ *without Sublimate, to Extract* ☿ *of* ♁.

TAke ♁ one part, Salt decrepitated two parts, and Vitriol Calcined to whiteneſs four parts; reduce all into a fine Powder, mix them well together, and caſt them by little and little into a Retort red-hot through a Spout in the upper part of the Retort, as *Glauber* teacheth; or diſtill it in a Glaſs Retort luted, in a naked △, and you ſhall have a Butter like unto that which is made of Sublimate.

Note, that you may rectifie this Butter for other Operations with Soot and Coal-duſt.

To Extract the ☿ of ♁ with this Butter, proceed thus.

PRecipitate this Butter with warm ▽, then dry the Powder, and mix it with one part of black Soap, and two parts of Soot; diſtill in a Retort into a Recipient full of ▽ impregnated with ✳, and you ſhall have a running ☿, which is the *Sperma* of ☿ of ♁.

Another way.

TAke the Precipitated Powder of the afore-ſaid Butter of ♁, and dry it gently, then mix it with ℥iv. of Tartar, and ℥viij. of Quick-lime, and ℥ij. of ✳; diſtill this in a Retort *ſ. a.*

Note, that the Calx of ♃, and that of ♄ may be Precipitated with Butter of ♁, and then a running ☿ may be diſtilled from them.

To Extract a ☿ out of ☽.

DIſſolve ☽ in *A. R.* and then Precipitate it with Spirit of Urine, or with a diſſolution of ✳ diſſolved in diſtilled Vinegar, and it will attract what there is of ☿

in the ☽, and the remaining Calx of ☽ is the running ☿, which is tranſmuted into ☉ by the *Sal Enixe.*

Another way to Extract the ☿ of ♂.

TAke ℔j. of ♂ in ſubtil Powder, boyl it in a *Lixivium* made of Quick-lime and Pot-Aſhes, let it boyl for two hours, then let it ſettle, and decant the clear; then put more *Lixivium* upon the ♂, boyl it as before. Repeat this ſo often till there be no more Sulphur in the ♂, which you may know by pouring diſtilled Vinegar into the decanted *Lixivium*, when there Precipitates no more Sulphur, or when it changes no more. Then edulcorate well the reſidue of the ♂, and dry it, then grind it with ℥iv. of Salt of Tartar, and as much of ✱, and ℥viij. of Vitriol; put this to Sublime with a gentle △ at firſt, and at laſt very ſtrong △ for ſeven or eight hours, and all will be Sublimed.

Make this Sublimate, and mix it with equal weight of Quick-lime, diſtill it in a Retort into a Recipient almoſt full of ▽ impregnated with ✱, and you ſhall have a running ☿ of ♂. In the ſame manner you may Extract the ☿ of ♄, taking Calx of ♄ inſtead of ♂.

Mercury of all Metals.

TAke Salt of Tartar, and Powder of Pebble-ſtones, mix them well together, and caſt them upon burning Coals, and there will aſcend a Spirit, which muſt be received, which hath a Vertue to convert the Calx of Metals into running ☿.

A great Secret, ☿ of ♁, and other Metals, ad infinitum.

TAke ☿ of ♁, Sublime it with Salt and Vitriol in the ordinary manner, without Calcining the Materials. Take of this ☿ 🝞mate, and ♁ in Powder, *ana*; diſtill a Butter thereof: Then take the Cinaber, and grind it with that which reſteth in the bottom of the Retort, and diſtill a ☿ thereof, which will ſerve for the like Work. Let the Butter reſolve in the Air into a Liquor upon a Marble ſtone, or upon Glaſs in a moiſt place, then pour of this Liquor upon ♁ in a Cucurbite; digeſt in Sand for two days, then diſtill it, and there will come over a red Oyl with the flegm, which is the Sulphur, or ☿ of ♁, or a natural Oyl of ♁: For if you leave this *Menſtruum* with the Oyl in the open Air for two or three hours, the Oyl will Precipitate to the bottom in a red Powder, which will burn like common Sulphur. Mix this red Powder with two parts of Soot, and one of Soap, put it in a Retort, and diſtill it, and it will revive into running ☿, which will diſtill into the Rec. which muſt be almoſt full of ▽ impregnated with ✱.

In the ſame manner you may alſo Extract ☿ out of other Metals, mixing this Oyl with their Calx, Soot and Soap. The ſaid *Menſtruum* will ſerve again, putting it upon new ♂, Extracting new Sulphur from the ſame, or red Oyl, which Precipitateth into Sulphur, as was ſaid, or into running ☿ by Revivification. And in this manner you may make a perpetual Minera of ☿ of ♂, and of other Metals, *ad infinitum.*

Note, that other Metals muſt be in very ſubtil Calx well opened, that the ſaid *Menſtruum* may act the better upon them.

Note, that if the Salt of the Earth be well Extracted, and reduced to a *Salt Enixe*, wonderful Operations may be done with it; and if you take of this *Salt Enixe* and of Vitriol, and make a Sublimate thereof with ☿ of ♂, and then a Butter of this ☿ animate and ♂ Mineral, and joyn this Butter with one part of the Lunary Butter, made as was taught, and with that make a diſſolution of ☉, you will have an *Aurum potabile*, and an universal Medicine, and without doubt a Powder of Projection upon baſer Metals. This Matter is an admirable *Chalybs* or *Magnes* of the Spirit of the World, being expoſed to the open *Air* for ſome time, and then put in a Veſſel, and Sealed Hermetically, and digeſted for fourty days (or fifty) you will ſee ſuch effects, as will promiſe a happy ſucceſs, and yet better, if you add the Sulphur of ☉ drawn with *Regulus* of ♁: But this requires the Conduct of an able Operator.

To prepare the Common ☿, ſo that it will have all the Qualities and Properties of ☿ of ♁, and will be as Powerful to Volatilize ☉.

A*Malgamate* ℔ij. of ☿ with ℔j. of ♃, thus: Melt the ♃ in a Crucible, then take it off from the △, and being near ready to congeal, pour the ☿ upon it, and ſtir them well together with a ſtick, then caſt it into fair ▽. Then with theſe ℔iij. of ȧȧȧ grind ℔iij. of filings of ♂, and ℔iij. of ♁, and all being well mixt, put it in a Retort, and diſtil over all the ☿ into a Recipient full of ▽.

Another Excellent Preparation and Animation of ☿.

TAke of *Martial Regulus* of ♁ ℥iij. and ☉ ℥j. melt them together, and make a *Regulus*, which pulverize, and then grind it with common ☿, then diſtill it ſeven times, and you ſhall have a ☿ very pure, and fit for any Operation.

Another way.

A*Malgamate* ℔ß. of ☿ with ℔j. of ♃ in a Crucible, and being cold, grind with it ℔ß. of filings of ♂. Then diſtill over the ☿ with a ſtrong △.

Another.

GRind ☿ with ♁, Quick-lime, and Tartar, then diſtill it.

Another.

TAke ☽ one part, *Regulus* of ♁ two parts, melt them together; then reduce it into very fine Powder, which grind and *āāate* with ☿, then diſtill ſeven times.

Another.

Another.

JOyn ☿ with Sulphur in the form of a Cinaber, then add Salt of Tartar and Soap, to the conſiſtence of a Paſte, whereof make little Balls, which diſtill in a Retort.

About a particular Spirit of Nitre.

IT is not a common Spirit of Nitre, but it is a Spirit, which by many cohobations and diſtillations rendreth its own Body Volatile in the form of Snow, which melts with the leaſt heat, and is congealed by cold; and that is that *Acetum acerrimum*, which diſſolveth all Metals, and reduceth them to their firſt Matter, and perfect Metals being diſſolved therein, will be coagulated, and perfectly fixed, which will change other imperfect ones into perfect by Projection.

Take ☽ and ☿, *q. v. aaate* them together, then mix this *aaa* with half its weight of ♀ animate, then put it in a Retort, and pour upon it of our Acid Spirit, and the Matter being well diſſolved therein, diſtill and cohobate upon the remaining Body ſo often, till all the Matter be converted into a

Volatile Spirit, and nothing remain in the bottom; that which doth not aſcend, muſt be made Volatile: Then diſſolve that Volatile again in more of our Acid Spirit, and diſtil and cohobate ſo often upon that which remaineth in the bottom until all be fixed again, and this fixed Matter render again Volatile, and the Volatile fix again, until it be tingent and penetrating, and be a fuſible Salt abiding in the △.

You muſt have the Spirit of Natural fuſible Salt, which is the Principle of all Metals, Vegetables, and Animals; this Spirit being purified and re-united with its Body (alſo purified) renders its Body Volatile, and uniteth it ſelf unſeparably with it, and becometh a Volatile fuſible Salt like Butter, which congealeth being cold: This Butter diſſolveth all Metals, as warm ▽ diſſolveth Ice, and is the true Matter of the great Work, and the Philoſophical ☿.

To prepare the Univerſal Spirit, which is the Univerſal Salt, you muſt purifie and rectifie it well, and by its means, Volatilize its fixt Body, (alſo purified.) For to render the fixt Volatile, the quantity of the Volatile muſt exceed the fixt; and alſo to fix the Volatile, the quantity of the fixt muſt exceed the Volatile; but the long digeſtion ſupplies the quantity of the fixt, becauſe that which is naturally fixt is contained (although changed for the preſent) in the Volatile: But the addition of ⊙ (which it diſſolveth, and uniteth it ſelf radically with) ſhortneth the time, and haſtens the fixation: And then to render it from Volatile fixt by a long digeſtion; when it is Volatile, it will paſs over in a Retort like Oyl, which will congeal, being cold, and melt with heat; 'tis the *Sperma* of Metals. For to fix it the better and the ſooneſt, you muſt add ⊗, and digeſt.

An Operation upon ♄: Sent me by Monſieur Bouuaud.

The Philoſopher's Epilogue.

SOlution and Ablution are one and the ſame thing, for by Calcination the Body is divided into ſmall parts; by putrefaction it is corrupted, and when it is diſtilled, it is reduced into its firſt Matter, and remaineth diſſolved.

Congelation is a Fixation, Re-union, or Coagulation of the Volatile and diſſolved Body.

By Reduction and Fixation, when this Body is Sublimed, it fatneth, and reſolveth, uniteth, and at laſt is perfectly coagulated. Thus in theſe two Solutions and Coagulations, are contained Ablution, Reduction, and Fixation.

Quinteſſence of ♄; the Univerſal Diſſolvent.

DIſtill fifty or ſixty quarts of Vinegar, and before you diſtill the Vinegar you muſt evaporate a fourth part of it, which is nothing but flegm; and for to render this diſtilled Vinegar more diſſolving, it ſhould be diſtilled once or twice from Lees.

Take ℔xij. or xv. of good *Engliſh* Lithargy of Silver, reduce it into fine Powder, and put it into Matraſſes of three or four quarts a piece, put ℔j. into each Matraſs; then pour upon the Powder ſo much of the diſtilled Vinegar, as may cover it the breadth of ſix Inches; then put them in digeſtion, with the ſecond degree of △ for two days, ſhaking the Matraſs three or four times a day, in which time the diſtilled Vinegar will be of a yellow colour, and very ſweet. Then decant this diſtilled Vinegar impregnated with the Eſſence of ♄, and put on freſh upon the Lithargy; digeſt as before; then put in all the decanted Vinegar and filter it, and diſtill in ſeveral Cucurbites with a gentle heat three parts of the diſtilled Vinegar; put the remainder in a Cellar, and in 24 hours the greater part of it will be congealed into a ſubſtance like Ice; it will ſuffice if you diſtill it off to a Syrup: Then upon this Syrup pour new diſtilled Vinegar, about the ſame quantity as before, digeſt twelve hours; then diſtill off about the quantity you put on: Put new diſtilled Vinegar upon the reſidue, ſomewhat more than the firſt time, digeſt and diſtill as before. Then pour upon it about half the quantity of the ſaid diſtilled Vinegar that you put on before, digeſt and diſtill as before. Repeat this digeſtion for twelve hours, and diſtillation ſo often, till you find that the diſtilled Vinegar come off in the beginning of the diſtillation ſo ſtrong as it was before, which is a ſign of a perfect attraction of the univerſal diſſolvent made by the diſtilled Vinegar.

Then put your Gums which remained in the Cucurbites into one or ſeveral large Mattraſſes, which ſtop and lute well, that nothing may exhale; then put to digeſt in *B. vapor.* or *in fimo* (which change every ſix days) for twenty or thirty days, more or leſs; for the ſign of a ſufficient digeſtion is, when the Matter cometh to be black, and that it acquireth as it were a ſtinking ſcent, which is a ſign of its Mortification, by which it ought to acquire a new Life, and a Spiritual veſture. Then divide this Matter or

Ceruſe into ſeveral parts, which put into ſeveral Retorts, which you may do by cauſing the Matter to melt with ſome gentle heat, and then pouring it hot into the Retorts, for it eaſily congealeth by cold; and if any of it congeal about the necks of the Retorts, make it melt, and run down; the Retorts muſt be of ſuch a bigneſs, that at leaſt four parts of them may remain empty. Then diſtill off all the flegm with a very gentle heat in Sand, and ſo ſoon as you perceive any Fumes or Vapours, ceaſe, and let all cool; then change the Recipient, putting on a large one, and having well luted it, and the lute dry, give the △ by degrees, at laſt very ſtrong and vehement, until you ſee no more fumes come over, but that an Oyl or Gum as red as Blood diſtill over. Take the feces remaining in the Retorts (which will look like black Aſhes) and extract the Salt out of them with diſtilled Vinegar, as you did with the Lithargy, which Salt will be in long Rocks like Rock-Salt-petre; and this Salt will be more ſubtil than the firſt. Diſtill this Salt in a Retort, putting what diſtilleth to the firſt Liquor; out of the feces extract again the Salt, of which diſtill alſo the Spirit in a Retort. Proceed thus until the remaining earth, or *Caput Mortuum* giveth no more Salt. Then take all your Spirits, and mix them together, and put it in a large and high Cucurbite, which cover with a double paper Oyled and dryed; tye it well about the neck of the Cucurbite with a packthread, then put on the head, and lute well the junctures, put on a pretty large Recipient, with a narrow and a ſhort neck; diſtil in *B. vapor.* and the Æthereal Spirit will paſs over through the paper, and the flegm will ſtay behind, becauſe it cannot paſs through the Oyled paper; and if your Spirit be not ſubtil enough, you may rectifie it once or twice with new Oyled paper; then keep it in a Veſſel cloſe ſtopped in a cold place: Then take off the Oyled paper, and diſtill the reſt of the Liquor to the conſiſtence of a red Syrup; put the Cucurbite with the Syrup in a Cellar, and in two days time there will be many little Cryſtals very white, which ſeparate, and waſh them in the flegm, and they will be white and pure: Then put the flegm to that which remained in the Cucurbite, and diſtill to a Syrup, which put in a Cellar to Cryſtallize as before: Cleanſe and waſh the Cryſtals to whiten them, then put them together upon white paper to dry them for two days in the ſhadow; then put them in a Cucurbite narrow and ſomewhat high, and pour upon them of the aforementioned Æthereal Spirit, ſo much as may cover it the breadth of three or four fingers, digeſt twenty four hours, then diſtill in *B.M.* All the Spirit will come over, and in the bottom will remain a clear and tranſparent Gum, upon which pour again the diſtilled Spirit; digeſt and diſtill as before. Repeat this cohobation and diſtillation four times, at the fourth time the ſaid Gum will diſtill over in the form of an Oyl as white as ſnow, ſwimming upon the Spirit: This Oyl is the true and only diſſolvent of ☉, ſeparate it from the Spirit by a Funnel. And thus you ſhall have the Philoſophical *Menſtruum*, the Vegetable, and Mineral Salt, *Aurora Dianæ*, and the true Philoſophical ♀, and the precious ▽, diſſolving the two *Luminaries* into a Phyſical diſſolution, with which you may prepare Medicines both for Health, and for Projection to tranſmute Metals, which will be both ſhort and eaſie, as followeth.

'Tis not enough to have the *Menſtruum* or Philoſophical ▽, for it ſerveth only for an Agent or a means to excite the Vegetative quality which is hidden and buryed in the occult Secrets of the Metalline Nature. And it doth not ſuffice only to know that ☉ maketh ☉, and ☽, ☽; but it cannot render them apparent, except the ſaid Bodies be firſt diſcontinued, that is to ſay, that this Metalline form be reduced into ſubtil parts attenuated, for to be afterwards opened and reduced into Calx, of which this *Menſtruum* eaſily draweth the fixt grain or *Sperma*, the Principle of Vegetation.

Prepare then a ſlight, ſpungy, well opened, and attenuated Calx of ☉, which put in a ſmall Cucurbite, and pour upon it ſo much of the afore-mentioned white Oyl as will cover it a fingers breadth; digeſt two or three days with a gentle heat, then diſtill over all the Oyl, then pour the Spirit upon the Calx: Then pour upon this Matter four or five times as much of the above-mentioned Spirit; digeſt twenty four hours, and the Spirit will be tincted of a pure red colour, more red than any Ruby, which decant, and dry the remaining Matter, and pour upon it the ſame Oyl, and digeſt twenty four hours, and it will be very red. Repeat this ſo long till your ☉ will yield no more tincture. Then Circulate all your Tinctures in a Pelican for thirty days, and then ſeparate the clear from an Hypoſtace which will be at the bottom, and you ſhall have the true *Aurum potabile*, which will be of an admirable vertue, taking three or four drops of it at a time in a little Sack, or other fit vehicle.

But for the Work, you muſt ſeparate the Spirit by diſtillation in *Balneo*, until the Tincture remain in the bottom in conſiſtence of an Oyl, upon which cohobate the Spirit, and diſtill as before: Repeat this ſeven or eight times, and the ſaid Tincture will remain like an Oyl that will congeal no more, which is the Philoſophical *Aurum potabile*, having a Vegetative vertue, being ſown in its own Earth, which is the Calx of ☉, prepared as ſhall be taught hereafter.

The Philoſophical Aqua Regis.

Take Nitre and ✱, *ana* ℥iij. reduce them to fine Powder each by it ſelf, then mix them well together, and put it in a Retort of three or four quarts, and diſtill in Sand into a very large Recipient, the junctures well luted with paper, and paſte made of Flower and ▽; for if you ſhould take a ſtronger Lute, all would break. Give the △ by degrees, until you ſee white fumes in the Recipient in half an hours time all will come over; then let it cool, and you will find in the Recipient about ℥jß. and about the neck of the Retort a Sublimed Salt, which proceeds from the ✱, which will not diſſolve except in hot ▽; the Retort being cold, take out the *Caput Mortuum* as well as you can, and the Retort being ſound, put in freſh Matter the ſame quantity as before; repeat this till you have ▽ enough: Then digeſt this ▽ in Aſhes in an Alembick with a gentle heat to ſeparate the flegm from it, which will be inſipid; then diſtill the reſt in a Retort, and keep it for uſe.

Take ℥j. of ☉ well purified by ♉, beat it into thin Plates, cut them ſmall, and put them in a Crucible and ignifie them: Put ℥vj. of ☿ in another Crucible, heat it until it begin to ſmoak, then take it from the △, and pour it upon the ☉, ſtir it well together with a ſtick until it be well *aaamated*, then caſt this *aaa* into a Marble Mortar, grind it well, pouring on fair ▽ to waſh it from all its blackneſs and foulneſs; then ſqueeze out ſo much ☿ of this *aaa* as you can. Then grind this *aaa* with equal weight of prepared Salt; put it in a Retort, and diſtill over all the ☿ in Sand into a Recipient half full of ▽. The ☿ being all over, increaſe the △ for four hours, ſo that the bottom of the Retort may be always red in the Sand; then let all cool, take out the Retort and pour hot ▽ into it, and let it ſtand ſo for an hour, and the ▽ will diſſolve the Salt; pour it out, and pour more hot ▽ upon the Matter, do thus three or four times? Then pour out the ☉ with the ▽ into a Porringer, which will be a very ſubtil Powder, dry it gently, and put it in a Matraſs, and pour upon it of the above-mentioned ☉

A. R. about ℥vj. ſtop the Matraſs with Cotton only, and put it to digeſt in hot Aſhes, and in a few hours it will all be diſſolved into a Liquor of an Orange colour, leaving ſome impure Earth at the bottom: Upon this diſſolution pour of the ☿ which you drew off by diſtillation about twice the quantity of the ☉, digeſt it for two or three days, or ſo long until the ☿ be all diſſolved, and the ▽ be clear like Rock ▽, and the ☉ be in the form of a light Spunge in pieces, ſwimming in the ▽; ſeparate the ▽, and waſh the ☉ with Salt ▽ filtred, then waſh it in fair ▽ ſo often till it be well edulcorated, then dry this Powder of ☉, and it is prepared. For to attenuate it further, and to render it more Spungeous, mix it with double its weight of Sublimed ✳, grind them well together, and put them in a ſmall Cucurbite with its Head, and Sublime in Sand all the ✳. Then grind this ✳ again with the ☉ and Sublime it once more, ſo will the ☉ be well attenuated and opened, and fit to be joyned with the Vegetable Salt. Then put this Powder of ☉ into a Poringer of ſtone-ware, not glazed, and pour upon it ſome good Oyl of Tartar, dry it gently, and pour more Oyl upon the Powder, and dry it as before: Repeat this till you have employed ℥iv. of Oyl of Tartar to ℥j. of ☉;

☉, then put it into a Matraſs with a ſhort neck, ſtop it cloſe, and put it in an Iron Pot in Sand; then cover the Pot with any other Pot, and give △ of reverberation, ſo that the ☉ may be red in the Matraſs, but not melt; continue the △ in that degree for 48 hours. Then take out the Matraſs, and waſh the Matter with hot ▽ till the ☉ be well edulcorated, then dry it, and imbibe it again with freſh Oyl of Tartar, reverberate it as before for 48 hours. Repeat this Work twice more, and you ſhall have a very light and Spungy Calx of ☉. Hartman.) *Note, That inſtead of this Calx of* ☉, *you may take one prepared by Calcining it with flowers of Sulphur, as Sir* Kenelm Digby *prepared it for* Sanimer's *Work, which ſee in its place.*

Then imbibe it once with Oyl of Tartar; and proceed in all as before.

Having reduced the ☉ into an Oyl, it will be neceſſary to have an Earth of its own nature, to make it grow, and produce the Fruit which we expect of it.

Now this Calx of ☉ ſhall ſerve for an Earth to receive this Seed. But ſince that in all Bodies there are three things, to wit, the Soul, the Spirit, and the Body; that which hath a Body, cannot receive the Soul, except it be opened by the Spirit: It will ſhall be neceſſary to reduce the ⊖ into a Spirit, which is done by reducing it into ☿ its firſt and neareſt Matter; which to perform, proceed thus:

Take ℥ij of ⊖ well purified by ⊙, reduce it into thin Plates, cut them ſmall, and put them in a Matraſs, pour upon them ℥vj of our Philoſophical ▽, keep it in digeſtion till the ⊖ be all diſſolved, then diſtill off the ▽, which cohobate again, and diſtill as before. Repeat this three or four times, then diſtill off about three parts of the ▽, expoſe the reſt with the Veſſel to the open Air, and the ⊙ will congeal into Cryſtals, which put in a Glaſs Bottle, and ſtop it very cloſe, and keep them in a dry place until they be dry; then grind them with twice as much ✱ Sublimed with Salt; put this into a large Matraſs, and pour upon it by drops of good Oyl of Tartar, the double quantity of the ⊖, or until it be of the conſiſtence of thin Muſtard; then Seal it Hermetically, and keep it in digeſtion with a gentle heat for two and forty days, during which time the Matter will putrifie and ſmell very ſtrong, and you ſhall ſee all the Colours appear ſucceſſively; take a little of it and waſh it well with warm ▽ ſeveral times, then being dry, put ſome of it upon a thin Plate red-hot; and if it melt without ſmoaking, it is a ſign that it is all Mercurial, and well prepared; but if it ſmoak, you muſt keep it in digeſtion until that ſign appeareth: Then waſh and edulcorate it well from all Saltneſs, and dry it very gently; then mix it with ſeven parts of prepared Salt, put it in a Cucurbite, which put in Sand, and give a gentle fire for twelve or fourteen hours, then increaſe the fire, and continue that degree as long; continue the Sublimation until all the Philoſophical Calx be Sublimed: Then gather carefully with a feather this Sublimate, and put it in a Glaſs Mortar with warm ▽, grinding it with a Glaſs Peſtle for an hour or two, then let it ſettle, and pour off the ▽, put on freſh hot ▽, and grind it until the Matter come to be of the conſiſtence of Muſtard; then add good White-wine Vinegar, and grind it until all be converted into running ☿.

Compoſition.

TAke ℥ß of your Calx of ☉ prepared and attenuated, as was ſaid, put it in a Glaſs Mortar, and pour upon it ℥iij of the Solary ☿, the ☿ will ſuddenly ſwallow up its Body, as one drop of ▽ mixeth it ſelf with another: then ſqueeze out ſo much ☿ of this Mix, that there remain but about two parts of ☿ with the ⊙. Put this *aaa* in a Philoſophical Egg, and pour upon it by little and little of your Oyl of ⊙ before-mentioned, hold it over a gentle △, and ſtir the Matter with an Iron Rod, that all may well mix and incorporate, pouring on ſo much of the ſaid Oyl, that it be of the conſiſtence of thin Muſtard, and then you ſhall ſuddenly ſee marvellous things, when the Soul of the ſaid ⊙ (which is its Oyl) entreth into the Body of the ⊙, by means of the Spirit, which is the Solary ☿, and that by means of the ſaid Soul, the Spirit uniteth with its Body, of three being made one; ſtop the Veſſel ſpeedily, becauſe of the fumes. The Body of the ⊙ which was dead before, being by this only and admirable means animated, dignified, and filled with a Vegetative Life, will thereby acquire an inward Power of Multiplication, as well as the Sperms and Seeds of all Animals and Vegetables, and be made fit to grow and produce Fruit, (being ſowed in a fit Earth) which it could not do before, becauſe of that default. The Veſſel being Sealed Hermetically, put it in Aſhes in a braſs Veſſel in the ſhape of half a boul; digeſt it with a Lamp △. As for the time, and the colours, mark what *Treviſan* ſaith of it; for at the end of fourty days you ſhall ſee the blackneſs: Continue the firſt degree of heat to whiteneſs, which will appear within four Months: Then augment the △, and continue until it come to be of a Citrine colour, and then there will be no more danger. Increaſe the △ to the fourth degree, and continue that, till your King taketh his Robe, and that the Matter ſuffer Ignition without ſmoaking.

Hartman.) *This Proceſs was ſent to Sir* K. D. *in a Letter from* Paris, *by Abbot* Boucaud, *with the following words. Sir, I have ſent you here incloſed a great Work upon* ♄, *which Monſieur* de Rouviere *hath given me; it cometh from a Man who having been carried away, and kept cloſe in a Caſtle, made at laſt his eſcape, and was conducted to the Duke* D'Elboeuf, *and Monſieur* de Rouviere *found the ſaid Proceſs under his Boulſter.*

The ſaid Abbot ſent to Sir K. D. *alſo the following Proceſs, which he ſaith he had from an intimate Friend, who aſſured him that it was a Reality.*

TAke of a very good Oar of ♄ that was never wet, or inſtead of it, take a true and natural Mineral Lithargy, not Artificial; pulverize it and grind it upon a Marble ſtone with diſtilled ▽ ſeveral times diſtilled:

Put your Oar of ♄, or Lithargy in one or more Cucurbites, and pour upon it of the aforeſaid diſtilled ▽, or diſtilled Dew, ſo much as may cover it the breadth of ſeven or eight fingers, cover it with a blind head, and lute well all the junctures, and digeſt for fourty days with a gentle heat, ſhaking the Veſſel often; when you perceive that the *Menſtruum* is coloured, decant the clear, and put on freſh ▽, or take new Oar or Lithargy and extract as before; filter the *Menſtruum* and diſtill it with a very gentle heat. Take this Salt of ♄ and put it in a Matraſs, digeſt it with a Lamp △ with ſix ſmall wicks, and it will diſſolve of it ſelf, and there will ſettle to the bottom ſome impurity or feces; break the Matraſs (being cold) and take the pure part and put it into another Matraſs, diſſolve it by digeſtion as at firſt, ſeparate the pure from the impure. Repeat ſo often till this Salt leave no more impurity. Then keep it carefully, until you imploy it in the following Work.

Take of this Salt ten parts, and one part of ☉ Mineral that hath not been melted, put them together in a Matraſs, Seal it Hermetically, and digeſt with a very gentle heat, and there will looſen it ſelf from the Salt of ♄ ſome Spirits, which by falling down again will diſſolve the ☉ by little and little, and there will ſeparate it ſelf yet ſome feces which are not uſeful for this Work, which you muſt ſeparate. Take what is clear and tranſparent, and put it in a Philoſophical Egg, Seal it Hermetically, and digeſt it with a Lamp △ with a gentle heat, continue the digeſtion without ever increaſing the heat, &c. *The ſaid Abbot ſaid, that this was all he could have, or know of this Work hitherto.*

The ſaid Abbot ſent alſo the following Proceſs in a Letter from Paris.

MOnſieur de R's. Operation, by which he fixeth ☿ into ☽ with the Salt of *Saturn* and ☽, is thus. He taketh one part of ☽, and three parts of ☿, whereof he maketh an *aaa*, which he putteth in a Matraſs, and putteth upon it *Saccharum Saturni* (made the common way) about a fingers breadth over the *aaa*; then he Sealeth the Veſſel, and digeſteth it with a Lamp △ with gentle heat, increaſing the heat by degrees, it paſſeth through all the colours; and of one Marc of ☽, and three Marcs of ☿, there remained ℥xij. of fixed Matter that ſuffered fuſion and the Teſt.

He ſaith, that there ſhould have remained one Marc of the ☿ *fixed, but the Operation* *was not well wrought.* In another Letter he ſaith, that there remained ℥iij. ʒiv. of ☿ fixed into ♃, which endured fuſion and the Teſt.

An Operation upon Jupiter.

Diſtill a *Menſtruum* out of Vitriol and *, with which make *Sulphur naturæ Jovis*: Make alſo with the ſame *Menſtruum Sulphur nat.* ☽, which diſſolve into Oyl, and with it incere *Sulphur Jovis ad fuſibilitatem*, and then project upon *Jupiter*.

Dunſton thus: Having taken our white Earth, you may putrifie it by it ſelf, or with the Calx of other Metals, and change its colour into a new white or red: Then ferment it with the Oyl of ☉ or ☽, *&c.*

Ripley (in his *Viaticum*) thus: Calcine ♃ into a moſt ſubtil Calx (for in it there is pure ☿, not brought to its full perfection by Nature) which is eaſily hardened with the Oyl of ☽. Do your Work therefore with Tin (until you are Rich) becauſe ſo the Work is eaſily done, and at ſmall charge.

Lullius (in his *Magia Naturalis*) thus: Make *Sulphur naturæ* (without which nothing can be done) and thus of any Metal (which he directeth to do in a very tedious way.)

way) then incere it with Oyl of Ferment (as in his *Pract, Brev,* or *Sermocinal*) until it be fluid; then is it a perfect Medicament.

☉ & ☽ ex ♃.

TAke of the filings of ♃ ℔j. Salt-petre ℔j. mix them, ſeparate the Spirit from the *Anima* by combuſtion, Subliming it in ſo many Pots as you know: Diſſolve the *Caput Mortuum* (which will be fixt as a ſtone, ſo that you may ſtrike △ out of it by colliſion) with ♀, that there may be a *Regulus* made of it, which pour out and make into Rods, and cement them with ſtore of Calx-vive on a Circulary △, then Coppel them with Lead, and add to them fine ☽, what then remaineth upon the Coppel is good, and you will have conſiderable gain by it, and by the ſeparation of *A. F.* you will have three parts of ☽, and one of ☉.

But when you melt your *Caput Mortuum* of ♃ with ♉ into a *Regulus*, as before, when you have Precipitated them with Tartar, or mixed them, then put your *Regulus* to Coppel, and in it you will find ☉: See that you do not caſt away the *Scoria*, for you will find Silver amongſt it; Coppel it therefore by it ſelf with the following Powder, so you will find ☽, which ſeparate with A. F. (the Powder make thus.)

Take *Cholamus* (Bay Salt) melt, diſſolve, filtre, and coagulate it; melt it again, and do this Work thrice: Then caſt in this Salt into the aforeſaid *Scoria* (from which you ſeparated the *Regulus*) after you have put it to Coppel, ſo your Work will be done and accompliſhed ſpeedily, and with great fruit and profit in the applying the fire.

(Hartman.) *The Famous* Tachenius *Relates (ſpeaking of the malignity of Arſenick) that there are ſome who can burn pure Tin into Powder, which cannot again be reduced into Tin by Vulgar Art, as other Metals; yet with Arſenick it is made* Scoria, *part of which by a ſingular Skill becometh pure* ☽. Sigiſmund Wan, *a Citizen in* Voitland, *knew and practiſed this Art of Separation, to his great benefit; for in the Year* 1464. *he Builded and Endowed a great Hoſpital there, which, as* Gaſpar Brulchius *Relates, is at this day to be ſeen, with the Epitaph of the aforeſaid Citizen.*

Now, that ☽ *may be got out of Tin with Arſenick,* Clavious *proves in his Apology againſt* Eraſtus *Second Vol.* Theatri Chym. *Fol.* 19.

A Worthy Gentleman lately related to me, that he knew one, who told him, that out of lbj. of Block-Tin he got ſo much ☉ as he ſold for 2s. 6d.

A ſhort and clear Deſcription of the great Philoſophick Stone.

The firſt Operation.

TAke Salt prepared, Nitre, and *Roman* Vitriol, *ana* lbj. beat them into a ſmall Powder, mix them, and put them into a Pot upon a ſlow fire, and moving them, cauſe them to melt, that they may be dryed a little. Then take ♀ taken out of the Mineral, lbj. which being put into a Linnen Cloath, ſqueeze it and pour it upon the hot Matter, moving it with a Rod, until the *Mercury* is hid in the Matter; incorporate the Maſs well when it is cooled, in a Marble Mortar; then dry it all in a Pot very ſlowly, until it be ſo dry, that a Sword held over the Pot, receive no moiſture from it; then put it into a Sublimatory, and Sublime it firſt twelve hours, afterwards increaſe the fire, that all the *Mercury* may be well Sublimed, white as ſnow: So the ♀ lacking nothing of its weight, will be aſſociated with the inviſible Sulphur of Vitriol, and purged from the Earth and its blackneſs; and if you will Experiment that Conjunction, you may ſeparate Sulphur of Vitriol from ♀ thus: Take diſtilled Vinegar, *q. v.* quench burning Iron ſeveral times in it, let your Sublimate ſtand therein all Night, afterwards paſs it three times through a filtre, then ſet it upon a ſlow fire; ſo a black ſcum will ſwim above the Vinegar, which take off; then evaporate all the Vinegar with a ſlow fire, ſo you will have an Excellent Sulphur of Vitriol, and the ♀ will remain by it ſelf in the bottom.

The Second Operation.

THis teacheth to Extract the Quinteſſence from this ♀ Sublimate thus: Make *A.F.* as follows; Take Salt-petre and Vitriol, *ana* ℔j. beat them, then mix them together and diſtill them with a ſlow fire in a glazen Alembick on Aſhes for eighteen hours, ſo that nothing more can diſtill (but lute all ſo well, that nothing exhale;) after the above-ſaid 18 hours increaſe the fire by degrees, that the Water may be diſtilled, and then continue the ſame degree of heat until it begin to ceaſe to diſtill, and ſo proceed by degrees, until nothing more can come from it; Let the Veſſels cool of themſelves, and Seal the

Recipient with gummed Wax; and when you have put your Sublimate, being well beat, in a ſtrong Matraſs, pour upon it of this Water to the height of one or two fingers breadth, and immediately obturate it well: Set the Matraſs in Aſhes on a ſlow fire for the ſpace of twenty four hours, and if it be not then diſſolved, if you pour ℥vij. of Water upon it, add of ✱ well beaten ℥j. or more; cloſe it up preſently, and ſet it upon Aſhes, ſo it will be diſſolved: It is a very great Secret. Then abſtract all the Water, (the junctures of the Veſſel being carefully ſtopped) by diſtillation on a ſlow fire of Coals, even to dryneſs: Afterwards taking off the Cap, cover it ſtraight with a glaſs *Operculum*, lute it, and when you have increaſed the fire, the Quinteſſence of *Mercury* and Vitriol will aſcend at the ſides of the Veſſel, at laſt make the fire yet ſtronger, that all the Quinteſſence may be well Sublimed, which, when the Veſſel is cooled, keep carefully: Beat the black fæces, and Sublime it once more, if perhaps any of the Quinteſſence remain ſtill amongſt it, ſo you ſhall have purged the *Mercury*, and imbibed more of the Spirits of Vitriol exiſting in *A. F.* Then diſſolve and Sublime the Matter (that is Sublimed) twice more after the ſame manner, that no impurity may be left in it, ſo it will be whiter than Snow.

The Third Operation.

BEat this Matter, and put it into an Earthen Urinal well glazed within, which cover with an Earthen glazed head like to a *Paradi*; that they may be exactly joyned together; lute the junctures well, and digeſt in eight days or more in an *Athanor* on a ſlow fire of Coals; for otherwiſe it would not be diſſolved into Water.

The Fourth Operation.

PUT your Matter ſo diſſolved into a Matraſs, cloſe it, and diſſolve it in a Boiling Water with a continual ſlow heat. Diſtil this Water in a little Alembick on Aſhes with a ſlow fire of a Lamp, and Water of Paradiſe will be diſtilled, (of which alone the ſtone may be made by the Method after deſcribed;) one drop of which poured upon a Plate of any red-hot Metal will throughly whiten it within and without. (Note, that the like may be done with the *Lunary* made of ☽ and *Unif.* they be poured on a Plate of ♀.) After the water is diſtilled, ſome *Fæces* will remain, which contain in them Earth, Air, and Fire, which you may thus ſeparate one from another: Bear those ſieves, and digeſt them in an *Athanor*, as you did the Quinteſſence before; afterwards diſſolve them the ſame way in *M. B.* and diſtill with a very ſtrong fire in *M. B.* by an Alembick, a white Oyl, which is called Air, which when it ceaſeth to drop any more, take off the Recipient, and cloſe well the noſe of the Alembick, and ſo let it cool of it ſelf: Then ſet the Alembick with a new Recipient on Aſhes, and draw off the red Oyl (which is called fire) with a ſtrong fire: Caſt away the Earth that remains.

The Fifth Operation.

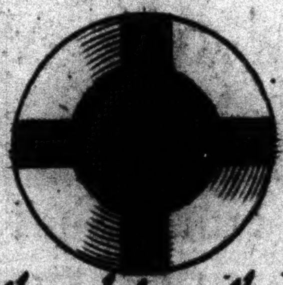
If you would make a Stone of Paradiſe alone, or Virgins Milk, you need not ſeparate the Elements; but if you have ſeparated them, do thus: Take of △ or red Oyl part j. of Air, or white Oyl parts [illegible], and of Virgins Milk parts [illegible]. Put them together in a Matraſs with a ſhort and narrow Neck; in two other Matraſſes put Virgins Milk *q. v.* Seal them all Hermetically, and ſo put them in an *Athanor* on a ſlow fire of ſmall coals burning till they have ceaſed from flaming, and ſo let them ſtand till by ſeveral colours they attain a perfect white: Then (if you will have the Stone white) you may take out one Matraſs, leaving the other two (if you Operate with three at once:) Then increaſe the fire ſenſibly, becauſe your Work cannot eaſily be marred, and ſo proceed by degrees, until the Matter is perfectly red.

The Sixth Operation

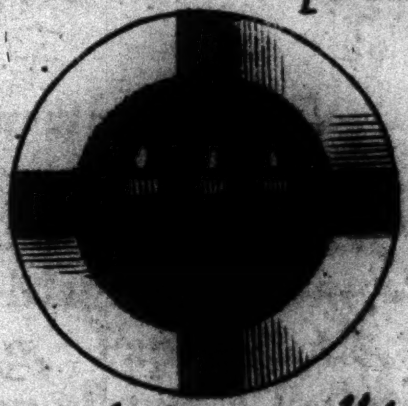
IS Projection. Take an hundred parts of ☿ purged the common way, heat them in a Crucible, and add to them part j. of the white or red ſtone, and the whole will be a Medicine. Then take of this Medicine part j. and Project it upon another hundred parts of ☿, moving it with a Rod; and afterwards melting it. Further, Project of this, part j. in an hundred parts, and the whole will be ☉ or ☽, according as the ſtone is which you took: If you will Project upon other Metals, melt them, or do them into thin Plates, and on them when they are very hot Project part j. upon an hundred, and ſet the Plates in the △ for ſome time. If you would augment the vertue of the Stone *in infinitum*, diſſolve it as often as you pleaſe in *B. M.* and coagulate it ſlowly in Aſhes; let *Jupiter* and *Saturn* be melted.

The

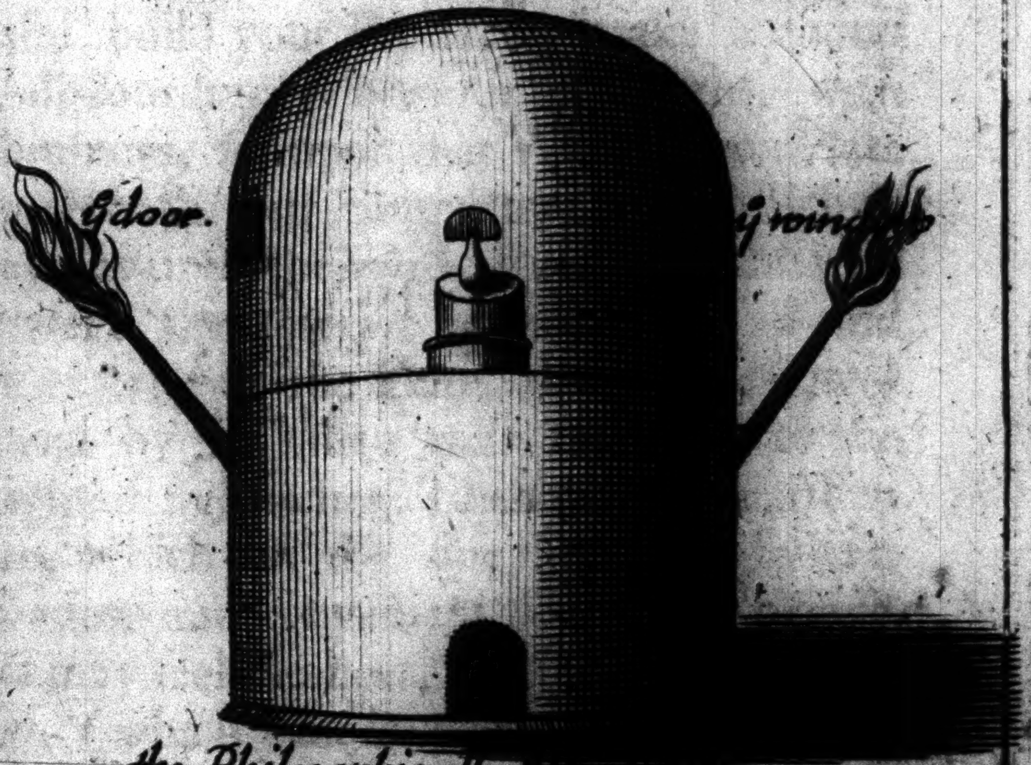
TAB. II p: 112.



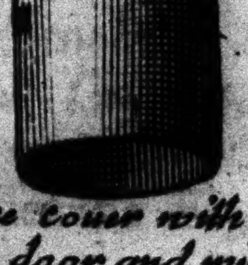
the plate with 4 armes.



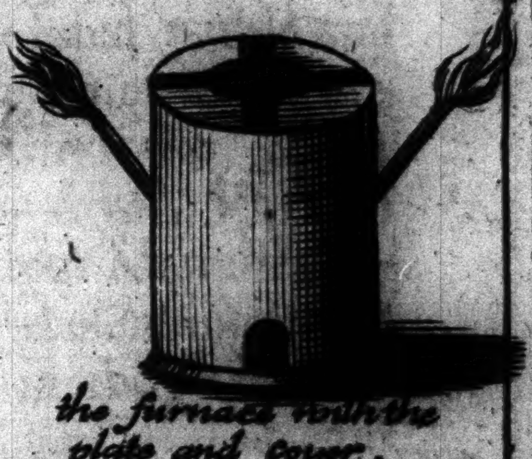
the matreſses or goblets.



the Philosophicall Athanor



the cover with
the door and window



the furnace with the
plate and cover.

The Seventh Operation

IS the Magiſtery of an *Athanor*, which I Build thus: Take of Magiſterial Lute, Potters Earth, Horſe-dung, Paper carminated, Hairs cut, make them all into a Paſte with Salt water and Vinegar, and with that Paſte build your Furnace; make a round Wall four fingers breadth in height, with Chimneys, ſet upon that Wall an Iron Plate which hath four Supporters, by which it may ſtay upon the Wall, leave ſome diſtance between the interior ſides of the Wall and the exterior of the Plate, that the heat may aſcend by it; then raiſe the Wall to the height of five Inches: Then make an earthen Cap, which on the one ſide muſt have a Window and convenient Door, by which you may feel the heat, putting in your hand at it, (which heat muſt be ſo moderate and uniform, that you may endure to hold your hand in the *Athanor* as long as you pleaſe;) the Cap muſt be carefully luted within and without, and ſet upon the Furnace and agglutinated with Clay: Afterwards, when the Furnace is ſufficiently dryed, ſet upon it Glaſs Goblets, and ſet your Matraſſes upon them. Mind well all theſe things, and conſider the Figures cut in the Page over againſt this. Now, by the holes that are made betwixt the Plate and the Wall, you may increaſe or diminiſh the heat at your pleaſure. But note, that upon the Goblets, above the *Tripus* and the Plate, you may ſet an earthen Trencher, and ſet thereon an Egg, which cover with another Trencher, ſo that theſe two Trenchers joyned together may be lifted up in the Air, and the Egg not touch the ſides of the Trenchers.

A Note from one that wrought the Stone.

I Have had certain notice of one that made the Philoſophers ſtone with Leaf-gold and a clear ▽, that looked like Rock ▽, but ſmelled ſtrong. He who wrought it for him (that is, attended the Lamp) ſaid, he had made his Liquor thrice before it would diſſolve the ☉. The laſt diſſolved it by little and little, it became a yellow Aureal Liquor, then thickened by little and little, at length became a black thick broath, in the end like melted Pitch: then changed ſeveral colours, every one ſparkling like Orient precious Stones, and ſparks like fire or Stars roſe in the Glaſs (which was a large Egg Sealed Hermetically) then fell down again. It was digeſted in Aſhes made of old Bark of Oak burned (unwaſhed) and the Author ſaid, no other Aſhes would ſerve. And the heat was never greater, than that he could endure the back of his hand upon the Aſhes, which was cauſed by a Lamp.

Hartman.) *This Relation is of Sir* K. D.

Lautemberg's *Obſervations upon* Angelus Sala *his Synopſis of Aphoriſms*, 1624. *in Quarto*, pag. 4.

HE ſaith thus: I did ſo prepare fluid ♀, that without the mixture of any thing whatſoever imaginable, without any diſſolving *Menſtruum*, it did acquire the form of a moſt pure and tranſparent Liquor; neither hitherto hath it loſt this liquid form, but is ſo liquid, that you would imagine it had been brought from a Fountain, and which you will more admire, being taſted, it is void of all acrimony, and meerly inſipid; (I add alſo this) that ſome Months ago I reduced *Engliſh* ♃ into a fluid and moiſt Liquor, without the leaſt addition of *Menſtruum*, which humidity it not only continually keepeth entirely to this day, but (ſo far as I can ſee) will never loſe it.

(Afterwards in the ſame page, he ſaith;)

I confeſs ingenuouſly, that not long ago, I had the happineſs of ſeeing at a Friends, and feeling ſuch an unfactitious Liquor (*liquorem* ἀποίητον) whereby leaves of Gold and Silver were diſſolved into a pliant and fluid Liquor, without any noiſe or the leaſt ſuſpition of Acrimony. This Liquor can be no other than congealed Air, without which the Life of Animals becomes no Life; and there is no Body under the Sun in that three-fold Kingdom that is deſtitute of it. I had rather ſearch its Medicinal Power with ſilent ſpeculation, than weary People with tedious and fruitleſs Diſcourſes.

Concerning May *Dew.*

MAY Dew is the true *Minera* of the diſſolvent. *Aug.* This Liquor is ſuch, that if it be gathered at a certain Seaſon, two Uſes, *&c.* One, that hereby you may infuſe Gold in a Liquor of its proper Seed, when you begin firſt to diſſolve it, *&c.* *Coſmop.* But this ▽ is ſaid to be the *Menſtruum* of the World: Speaking of the Element of ▽, the *Menſtruum* of the World is tripartite, *&c.* the more pure reſolved into Air. There is in the Air an Occult Nouriſhment of Life, which we call Dew in the Night, and in the day-time ▽ rarefied, whoſe inviſible congealed Spirit is of more value than the whole Earth, *Idem.* The principal Matter of Metals is the Humidity of the Air (the Aërial Subſtance) mixt with heat,

☿ prepared aforeſaid is governed by the rays of the ☉ and ☽ prepared in the Sea; not one place or one Countrey will afford it you. Experience teſtifieth, that ☉ is not ſought for ſave in Mountains, because it can be ſeldom had in a Plain.

Flamel, Arteſius, Pontanus, Zacaire, *&c.* *Their* Arcanum.

THis Stone is that about which the abovenamed Authors employed themſelves: It is compoſed of the Mineral Gluten, made of ☿ and ♉ Mineral, by the addition of the Solary Ferment thus: Diſtil the Volatile Cryſtals or Butter from ♀ ♎mate and ♉, equal parts: Or diſtill, or diſſolve common ♀ in *A. F.* Precipitate with Salt-water, and you ſhall have a very white Calx, which dry, and joyn it with as much of Calx of ♃, and diſtill the Volatile Cryſtals thereof. Theſe Cryſtals are the Magnet, by means of which the Univerſal form, or Spirit of the World is attracted, which ſpecifieth and determineth it ſelf in this matter, by reſolution in the Air in ♈, ♉, & ♊. Put this Liquor in a Cucurbite, and digeſt for thirty days with a very gentle heat with a Lamp, to the end, that there may be a Natural diſtillation made of the attracted Spirit, which will begin to come over inviſibly the firſt or ſecond day, with the *Idea* of that which it draws, to wit, the ♂, and of ☿, or with a univerſal Mineral form, tending to Metallick. This Liquor will continue coming over even unto the end of fifty days; let not the heat exceed that of ones hand. This Æthereal ▽ is the ▽ of Paradiſe, or the Mineral *aſtrum* of *Flamel*'s two Dragons, the one is Volatile (which is ☿) and the other Rampant, which is the ♂, which do not ſuffer to be touched nor attacked, until their Venemous ſcum (that is to ſay, the Butter) have produced the Spirit of the Mercurial-wind, and the ſcum of the Red Sea. Note, that within fifteen days this Sea or Butter cometh to be very red, with a gentle heat of a Lamp △ in Aſhes; and this is *Flamel*'s Red Sea. This Æthereal ▽ penetrates all Metalline Bodies, (being Luminated and made red-hot) and tingeth them into ♃. Two drops of this ▽ being diſſolved in ℥iv. of Spirit of Wine, maketh a Virginal Milk, whereof the Doſe is a ſpoonful: It is a very gentle Emetick, becauſe of its crudity, or rather *Mercurial* Subſtance, whereof the vertue Operates upwards, becauſe it is moiſt and Airy. It Cures the Epilepſie by the Character which is imprinted into it, by the word *Fiat*, and all aſtral Diſeaſes, as far as humane diſpoſition permits. This is the

Cœleſtial ▽ which doth not wet ones hands after its preparation; 'tis the ☿ of ☿, the ▽ or Centre of the Heart of ☿, and the true extent of ♁, but it requires more Work. Take this ▽ (you muſt have a pretty great quantity of it, and therefore you muſt have ten, fifteen, or twenty pound of Volatile Cryſtals) and put it in a Cucurbite, and with a very gentle heat of a Lamp diſtill off all the wateriſh moiſtneſs, which by careleſneſs it might have contracted from the Air: There will remain in the bottom a Gum, a Syrup, a viſcous ▽, a Radical Mineral moiſture, which is the Eagles gluten above-mentioned, which did fly the ſpace of fifty days continually; by means of this gentle heat, the Gluten flies no more, but is the flying *Crapant* and *Zacair*'s *Mercurial* ▽, which is congealed by cold, and liquified by heat. The Authors before mentioned have digeſted this Gluten *per ſe* in a Matraſs Hermetically Sealed, without the addition of a Solary Ferment; but afterwards they have been forced to ferment the Powder which they made of it. For to ſhorten the Work, take ſeven parts, or nine or ten, or more of this Gluten, unto which by heat joyn one part of ☉ in leaf, or Sulphur of ☉ prepared by the Salt *Enixe* (which is beſt) and digeſt in an *Athanor*, or in *Flamel*'s Furnace (which is very eaſie) until all the Matter have paſſed through all the due colours, and come to be of a purple Citrine colour; then have you the Metalline Salt, the moſt high Tincture, a Treacle made of Venom, a moſt Excellent Medicine made of the greateſt Poiſon. This Medicine is multiplyed in quantity by new addition of the afore-mentioned Gluten; in quality, by diſſolving *in humido* into a Liquor, and purifying by digeſtion, and then by fixation; Experience will teach other things far better. This Method, although it differs much from that of the greateſt Philoſophers, as *Lully*, *Treveſan*, *Coſmopolite*, &c. (and being but particular in compariſon of that high *Generaliſſima*) nevertheleſs it ſeems to be Univerſal in regard of Metals and Minerals. Note, that you may alſo extract a white and red Oyl of that which remains, as was ſaid before, and make a new aurifique ſtone thereof, which thoſe Authors have not underſtood, or if they have underſtood it, they have not ſpoken of it. Note alſo, that this Mineral ▽ of Paradiſe, is the Philoſophers live ☉, and the ♀ of the Wiſe, but not the *Generaliſſima*: And this ▽ will ſerve againſt all Maladies, for it drives them out, according to the intention and inclination of Nature.

To prepare a Ferment or Sulphur of ☉.

MAke an *ȧȧȧ* of ☉ or ☽, and ☿; grind this *ȧȧȧ*, then ſqueeze it through a Leather, the Globe remaining in the Leather, you muſt grind again, and then put it in a Poringer, covered with another Poringer, and lute them well together; then put them to a gentle △ for half an hour: Then grind it again, and digeſt it between the two Poringers as before. Repeat this ſo often till the ☉ or ☽ be in Powder impalpable; then incorporate this Powder with freſh ☿, grind them together, and digeſt with a gentle △, ſo that little or nothing may Sublime, and if any thing Sublime, put it again to that which remains in the bottom. Repeat this laſt Operation (adding new ☿, grind and digeſt as before) ſo often, till the whole Body of ☉ or ☽ be converted into running ☿, and that all may be ſqueezed through the Leather: Then put this ☿ animated into a Porringer, which cover, and digeſt with a gentle heat, ſo that nothing Sublime; continue the digeſtion ſo long, until you ſee a thin skin ſwimming upon the Matter, which take off carefully (it will be of the colour of ☉ or ☽) put the Matter upon the △ again, increaſe the heat a little, taking off the thin skin as it riſeth; continuing ſo long until the Matter produce no more thereof: And thus you ſhall have the Sulphur of ☉ or ☽.

An Operation that Monſieur de l'Oberye *wrote from Monſieur* John's *Mouth.*

TAke the Mother-liquor of Salt-petre, let it run cold through waſhed Sand, then filter it by Languetes, then through gray paper: Then evaporate with very gentle heat, putting down the skins as they riſe upon the Liquor; the remaining Salt being dry, grind it, and put it to reſolve into Liquor in a Cellar, then filter and evaporate as before. Repeat this purification five or ſix times, or ſo often, till it leave no more feces in the filter. If you take ℔x. of this Liquor, you ſhall have but ℔ij. ℥viij. of purified Salt: Of this ℔ij. ℥viij. you ſhall have ℥x. of Spirit, by diſtilling it *per ſe* in Retorts in Sand; you muſt put but ℔ß. of this Salt into each Retort; deflegm it in *B.* Take the *Caput Mortuum*, and grind it, and diſſolve it in a Cellar; filter, and congeal, repeating this two or three times: Then being very dry, joyn ℥iij. of it with ℥j. of the rectified Spirit; digeſt and circulate eight days with gentle heat in Aſhes, and all will be a ▽ of the colour of Amber. Put one part of ☉ into ten parts of this Liquor, and it will diſſolve it (cold) in leſs than a quarter of an hour: Decant the diſſolution when it is clear; one drop thereof taken in a little broath, is a great Corroborant.

Put ☿ revived from Cinaber into the diſſolution of ☉, and it will become like a Gum, decant the clear, and put the ☿ to dry, and it will become hard; melt it between two beds of Calcined Egg-ſhells in a Crucible, and you ſhall have good ☉.

Venus *into* ☽: *Sent me by Monſieur* de Beaulieu.

TAke fixt Arſenick ℥viij. fixt Nitre ℥iv. Oyl of Tartar prepared, as ſhall be taught hereafter, ℥xij. ✱ fixt, ℥xv. Let them all reſolve into Liquors in a moiſt place every one by it ſelf; then take theſe Liquors and mix them together, and filter them; then put to them ℥iij. of Oyl of ♀, and ℥viij. of ☽ (prepared and diſſolved in the Liquor of fixt ✱ and fixt Sulphur) mix all well together, and put it in a Matraſs, and digeſt *in fimo* for fourty days, changing the dung every eight days: Then decant the clear, and the feces remaining in the bottom, diſſolve in the Liquor of fixt ✱, and put it to the reſt of your Liquors; filter it three or four times: Then diſtill it in a Cucurbite with a gentle △ in *B. M.* (not boyling) diſtill to dryneſs, and you ſhall have a white Matter like a ſtone, and clear like a Pearl: And to know whether it be perfected, put a little of it upon a red-hot Plate of Copper, and if it melt like Wax, and penetrate through the Plate without ſmoaking, leaving the ſaid Plate white where it hath touched, it is a ſign of an entire perfection; but if you find that it is not yet fuſible, and that it ſmoak yet, grind it upon a ſtone with a pint of ▽ diſtilled from whites of Eggs, and diſtilled three times upon ℔j. of Quick-lime, grind it with the ſaid ▽, until it be of the conſiſtence of Pap; then put to it four times its weight of Liquor of fixt ✱; digeſt *in fimo* for eight days only, then congeal it as before, ſo is it perfect. Project ℥j. of this Matter upon ℔v. of prepared ♀, and ſometime after caſt a little piece of Wax into it, at three or four times; then cover the Crucible, and leave it in fuſion for ſome hours.

The Multiplication.

DIſſolve ℥viij. of this Matter in ℔j. of the ▽ of whites of Eggs, then add ℥iv. of Liquor of fixt Arſenick, digeſt *in fimo* for fifteen days; then diſtill and congeal it as before, ſo is it multiplyed. If you reiterate this Multiplication ſeveral times, the Matter will remain in a Liquor, which will project upon great quantity of *Venus*.

*To fix the * for this Work.*

TAke ℔j. of * in ſmall pieces about the bigneſs of a Wall-nut; make a Paſte with Quick-lime and whites of Eggs, with which endew the ſaid pieces of *, let them dry, then ſtratifie them in a Crucible with Powder of Quick-lime, let the beds of the Quick-lime be about a fingers thick; then put the Crucible to a Circulary △, which increaſe and approach once in a quarter of an hour, at laſt, cover it with Coals, and let it ſtand ſo for half an hour: Then take out the * (the Crucible being cold) and wipe off the Powder of Quick-lime, then diſſolve the * in fair ▽, filter and congeal it; diſſolve it in a Cellar into an Oyl, which keep for uſe.

To fix the Arſenick.

TAke equal parts of Arſenick and Nitre, grind them, then mix them together, fill a Crucible half full with this Powder, fill it up with Salt of Tartar; cover this Crucible with another that hath a little hole in the bottom, lute them, and ſet them in a Circulary △, the △ being half a foots diſtance from the Crucible; increaſe and approach the △ once in half an hour about two inches, and when you perceive no more ſmoak come from the Matter through the little hole, put the △ cloſe to the Crucible, and at laſt cover it with Coals, and keep it ſo covered for twelve hours, then let it cool, and grind it, then diſſolve it in a Cellar, and keep the Liquor in a Glaſs cloſe ſtopped.

To fix the Sulphur for this Work.

TAke ℥v. of Quick-lime, ſlacken it in ſix quarts of fair ▽, and having ſtood twenty four hours, filter it, and put it in a Kettle; then take ℥viij. of flowers of Sulphur, tye it up in a Linnen Bag, which hang in the water in the Kettle, make it boyl for an hour, and you ſhall have a Sulphur incombuſtible.

Oyl of ♀.

TAke ℥iv. of Sublimate in fine Powder, put it in a Crucible, and pour upon it ℔j. of fine ♃ melted, ſtir it well together; then being cold, put it upon a clean Iron

Plate in a Cellar, and you ſhall have an Oyl or Liquor.

To prepare the ♀ for this Work.

TAke Arſenick one part, decrepitated Salt two parts, pulverize and mix them together; then ſtratifie with this Powder ſome thin Plates of ♀, cement them for two days, then put them to a ſtrong △ for ſix hours; then waſh theſe Plates from the Salts, and beat them to Powder, waſh the Powder with Vinegar, and then with ▽ two or three times; then with Soap make a Paſte thereof, which put in a Crucible, that hath a hole in the bottom, put this Crucible in another Crucible, and ſo melt down the Powder of ♀, and it will run through the hole into the other Crucible, and you ſhall have a very white ♀, and well prepared for Projection.

To prepare the Salt of Tartar for this Work.

TAke equal parts of Tartar and Quick-lime, powder them and mix them well together, put this in a Pot, cover it cloſe, and put it in a Potters Oven when he burns his Pots; then make a *Lixivium* of it with Rain ▽, which filter and evaporate to dryneſs,

neſs, mix this Salt again with the ſame quantity of Quick-lime, and Calcine it in a Potters Oven as before. Repeat this five or ſix times; then diſſolve this Salt in diſtilled Vinegar, diſtill and cohobate ſo often, till it will no more congeal into a Salt, but that it remain like melted Wax in the bottom, which pour out, and keep it for uſe.

To prepare the ☽ for this Work.

Diſſolve ℥viij. of ☽ in ℥viij. of Spirit of Nitre, then Precipitate with Salt ▽, the Powder of ☽ being ſettled, and the ▽ clear, decant; then edulcorate the Powder and dry it, then diſſolve it again in Spirit of Nitre as before; Precipitate, Edulcorate, and dry the ☽ as before. Repeat once more, three times in all, then put it in a Matraſs, and digeſt it eight days in Sand. So is it prepared, and fit to be further prepared, and diſſolved in the Oyl of fixt ✳, and fixt Sulphur.

Tranſmutation of ☿ into a Regulus.

PRecipitate Butter of ♁ with warm ▽ once, without further edulcoration; dry it gently, then add a fourth part of ♀, and of black Soap, and Salt of Tartar, of each as much as needeth to make a Paſte, whereof make little Bullets, which put in a Retort well luted; diſtill in a naked △, with a ſtrong ſudden △, and the Matter being melted, you ſhall have a *Regulus* as white as ☽, which muſt be melted three or four times to have it finer and whiter.

Calx of ☉.

MOnſieur *Le Febore* ſhewed me a very ſubtil and Spungy Calx of ☉, he had made thus: Purifie ☉ to its greateſt height, beat it very thin, and cut it into ſmall pieces, heat one part of them in a Crucible, and ſix parts of cleanſed ☿ in another: Make an *ȧȧȧ* in due manner, ſtirring a while with an Iron Rod, then throw it into cold ▽; ſqueeze out as much ☿ as you can through Chambo-leather: To the remaining Globe put double as much flowers of Sulphur, grind them well together: Put this mixture into a capacious Crucible, and gently burn away the Sulphur, and evaporate the ☿, reverberating the Calx three or four hours after all is gone away. Repeat all this Work twenty or thirty times; then reverberate it under a Muffle with ſo gentle heat, that it melt not, the longer the better: Then burn *S.V.* three or four times from it: *Quære*, Of grinding the Calx long with pure Virgin Honey, then diſſolving it in a large quantity of pure diſtilled warm ▽, and letting it ſtand warm till all the Calx be ſettled to the bottom: Alſo of grinding the Calx with purified Salt of Tartar, then reverberating the Maſs, and laſtly, diſſolving the Salts in warm ▽, and letting the Calx ſettle, as with the Honey: I think it will be a very ſubtil Calx, to diſſolve the ☉ in *A. R.* of Nitre and ✳; then Precipitating it with Spirit of Urine, or with a Marinated ▽, made by diſſolving the fixed Salt of Urine in pure diſtilled Rain or Spring water.

A pretty Curioſity, To make Metals Vegetate viſibly.

CAlcine white and tranſparent River Pebbles, extinguiſh them in ▽ to have a Calx thereof, which reduce into ſubtil Powder with equal parts of Tartar and Nitre (fulminated together) taking double quantity of this fuſible Salt: Diſſolve this Matter upon a Marble ſtone or Glaſs in a moiſt place, and you ſhall have a Liquor, which filter: Take about ℥ij. of this Liquor, put it in a Viol, and put into it about ʒij. (or leſs) of the Calx of any Metal, diſſolved in its Acid *Menſtruum*; Then evaporate to the

the conſiſtence of a Calx: Let it ſtand, and ſo ſoon as it is cold you ſhall ſee the Metal Vegetate, and ſhoot out into branches, which will be of different colours if you put in the Calx of divers Metals: This is fine and pleaſant to behold. Note, that it is to be obſerved in general, that the cauſe of Vegetation is the encountring of an Airy Acid with a fixt *Alkali*; and it is thus, that Quick-lime Calcined with common Salt into an *Alkali*, being ſpread upon Barren ground, fatneth it, and maketh it fruitful, cauſing Vegetables to grow, by contracting the Acid of the Air and its Volatile Salt.

To engender Cray-fiſhes.

IT is to be obſerved firſt, that to do this Operation well, you muſt do it at the increaſe of the ☽, and in the ſign of *Cancer*, if poſſible, or at leaſt in any other Aquatick ſign.

Then take a parcel of the ſaid Cray-fiſhes, taken in Brooks or ſmall Rivers, being all alive; divide them into two parts, put one part thereof into an earthen Pot not glazed, cover it with its cover, or with another Pot, lute them well, and put them to Calcine for ſeven or eight hours with a ſtrong △, until they be well Calcined, and fit to be reduced to Powder in a Marble Mortar: Then take the other part, (being alſo all alive) and boyl them in River ▽, like unto that wherein they were taken, then pour off the ▽, which being cold, put it in a wooden Veſſel, or of Earth, and into about a pail full of this ▽, put about half a handful of the Powder of the aforeſaid Calcined Cray-fiſhes, ſtir it well together with a ſtick, then let it ſtand to ſettle, without ſtirring it at all, and within a few days you ſhall ſee as it were many Atoms appear in the ▽, which are the breeding Cray-fiſhes, moving in the ▽; when you ſee them as big as a ſmall button, you muſt feed them with Bullocks blood, caſting a little thereof into the ▽, from time to time, which in time will make them grow of their natural bigneſs. You muſt obſerve, that before you put the ▽ into the Veſſel, you muſt firſt put ſome Sand into it, ſo much that the bottom of it may be covered about a fingers breadth.

To make Oyl of Talc.

TAke one part of *Venice* Talc, and two parts of pure Nitre, both in ſubtile Powder, put them in a Wind-Furnace to Calcine with a ſtrong △ for ſeven or eight hours: Then take out the Crucible, and beat the Matter to ſubtil Powder, and waſh it perfectly well with fair ∇, till you have brought away all the Saltneſs of it; then dry the Talc well, and Calcine it again with two parts of new Nitre, all as you did before, and dulcifie the Salt from it. Repeat theſe Calcinations, and dulcifications four times, that the Talc may be perfectly white and well Calcined, and in exceeding ſubtil Powder: Then put it into a ſtrong Glaſs Bottle, half full, and ſtop it cloſe, and ſet it in a great quantity of Ice or Snow, that the extream cold may penetrate into it (for therein conſiſteth the Secret) but the Ice or Snow muſt not actually touch the Bottle, but it muſt be ſet in a Box of Wicker, fit for it, made like a Cage, that it be all open between the Barrs or Oſiers, and in two or three Months all the Talk will be converted into a pure clear white Liquor, which is Excellent for the Face and Skin, and will make Scarlet white, being dipped in it.

An Excellent Coſmatick prepared out of ☽.

TAke refined ☽, one part, *Sal gemmæ*, two parts; beat the ☽ into very thin Plates, d ſtratifie them with the *Sal gemmæ* in Pow-er in a Crucible well luted with another upon it: Cement for twenty four hours, then open the Crucible, and if you find the ☽ well Calcined, it is enough; if not, ſtratifie it with freſh *Sal gemmæ*, and Cement as before: Then edulcorate the ☽ with warm ▽; then grind it into a ſubtil Powder, pour upon this Powder a well rectified *S.V.* digeſt until the *S.V.* is tincted blew; then decant, and put on freſh *S.V.* Repeat this until you have extracted all the Tincture out of the ☽. Then evaporate the *S.V.* with a very gentle heat (or rather diſtill it gently) and there will remain in the bottom of the Cucurbite a Matter like *Pomatum*: Put upon this *Pomatum* a Spirit of Wine rectified upon Salt of Tartar, and after a little digeſtion, diſtill off the *S.V.* in a Retort, and part of the Tincture will come over with the *S.V.* and will leave the *Pomatum* whiter than it was before. Repeat this Work with new *S.V.* (Tartarized) ſo often, till the *S.V.* bring over no more Tincture, and that the *Pomatum* remain in the bottom as white as Snow, which is Excellent to whiten the Face.

Another way to make Oyl of Talc.

REduce Talc of *Venice* into exceeding ſubtil Powder; mingle ℥ij thereof with ℥ij of pure leaf Silver, grind them exceedingly well together to incorporate them perfectly well: Then reverberate them for fifteen or twenty days, after which grind them again very ſubtilly, and put them into a Matraſs of Glaſs, and ſet it in *fimo* for thirty or fourty days, changing the Dung every ſix or eight days, that the Heat may be always in a good degree. You ſhall find a pure clear Oyl, which will blanch Pearls, the Face and Skin in other parts, and do all the things that are ſaid of Oyl of Talc.

Another way to make Oyl of Talc.

TAke of *Venice* Talc in great pieces, as much as you pleaſe, make it red-hot in the △, then quench it by caſting it into Oyl of Tartar; fire it again, and extinguiſh it as before. Do thus two or three times, and it will be throughly Calcined, ſo that you may crumble it into ſmall Powder with your fingers; beat it in a Mortar, and paſs it through a fine ſearſe of Silk; what paſſeth not, Calcine in a Crucible, and extinguiſh again:

again; It will be perfectly Calcined by extinctions in fair ▽, but then it will require ten or twelve Ignitions and extinctions.

Take your ſubtil Calx of Talc (which will be perfectly white) made either way, and put to it ſome diſtilled Vinegar to ſwim two or three fingers breadth over it, and put it to digeſt in very gentle heat eight or ten days, and you ſhall ſee a beautiful Oyl or Cream ſwim at the top of the Liquor, skim it off, and dry it with gentle △, and it will be a ſaline ſubſtance, which put into a Bladder, and hang it in a Well near the ▽, but not to touch it, and in a few days it will reſolve into a pure Oyl, which is Excellent for the Face. Or, with long remaining in a moiſt place, without putting it into diſtilled Vinegar, this Calx will reſolve into Oyl: Try to extinguiſh the Talc in dew, &c. (Be ſure that in all this Work you touch nothing with Iron.)

To burn holes in Glaſs.

When Mr. *Gore* would make a hole in the belly of a Retort or Matraſs, or Receiver of Glaſs, he did thus: Have ſome Cotton-yarn well Sulphured, lay it round like a Snake upon the Glaſs, filling as much ſpace as you would have the capacity of the hole, make a Circle of Tin, or the like, to keep it in (but be ſure there be not the leaſt moiſture upon the Glaſs, nor that it be very cold, for then it will break) ſet the Cotton on fire with a burning Coal laid upon it, and ſo let it burn on, putting up within its compaſs the burning yarn (with a Bodkin) if it chance to ſtretch, or ſwell wider than it ſhould, make your heat and burning gentle and moderate at firſt, that you may increaſe it by degrees, by crumbling Sulphur in Powder upon the burning Matter, if you find it needeth.

When it hath burned a while, try gently by touching it with a little ſtick of Wood, whether the piece of Glaſs under the burning Cotton will fall in or out, but preſs not too hard, for fear of cracking that which ſhould be whole; for when it is enough, it will fall in with the leaſt touch, and leave a compleat hole without any cracks in the Glaſs beſides. If you touch the heated glaſs with any moiſture, you not only make that which you would have ſeparated away to fall in, but you will crack and ſplit what you would have remain ſolid. You may put a Linnen Cloath in the Glaſs, for the piece to fall upon, leſt it ſhould break the Glaſs when it falleth in.

A Deſcription of a moſt convenient and very uſeful Furnace, which will not only ſerve for many Operations, as Melting, Calcining, Vitrifying, Reverberating, Diſtilling, Subliming, Digeſting, &c. but alſo for Coppelling, in ſmall and great quantity, and that with the greateſt facility that can be; ſo that neither Coals nor Aſhes can fall into the Coppel, neither can the heat of the △ incommodate you by reflecting in your Face and Eyes.

The Fabrick of this Furnace, with its Structure ſee in the next Figure.

An Explanation of this Figure.

A. IS the whole Fabrick, which may be Built (of good Bricks) about two foot four inches in length; one foot ſix inches in breadth, and about two foot four inches high.

B. Is the fire place, which muſt be round, of the beſt and hardeſt Bricks; (it may alſo be made of a fire ſtone) it muſt be eight inches deep, and eight inches diameter; at the bottom of it you may lay either a cloſe grate, or a thick Iron Plate full of holes.

C. Is the Aſh-hole & Receptacle of the blaſt or wind iſſuing from the Bellows, which muſt be very cloſe, and the ſtopper fit the mouth of it exactly, to ſhut very cloſe, ſo that the wind may find no vent any where out but upwards through the grate; this hole needeth be but four inches deep, from the grate down to the bottom; the Aſhes muſt be taken out of it from time to time, that they may not ſtuff up the place.

D. Is the Coppelling-place, which may be about ſeven or eight inches in length, and ſix inches wide, and about four or five inches deep.

E. Is the gap, through which the flame reverberates from the Furnace into the Coppelling-place, it is about four inches wide, about two or three deep, and two inches in length.

F. Is the Pipe or Chimney, which draweth the flame.

G. Is a hole, through which you may put Fewel into the Furnace, to avoid uncovering of it, when it is covered, as it muſt be when you Coppel; you muſt have a ſtopper exactly fitted to it.

H. Is a hollow place under the Coppelling-place, which may ſerve to put Coals in.

I. Is an Iron Hoop about an inch high, ſuch as the Refiners uſe to make Coppels in, you may have them of what bigneſs you pleaſe; at the bottom are faſtened two flat Iron Bars, to hold the bone-aſhes, having no other bottom.

To uſe this Furnace, you muſt have a pair of Smiths Bellows, of a midling ſize; which (if there be not room in your Laboratory to fix them below) you may fix above ground, and ſo they will not incumber your Operatory below; and for the conducting of the Wind, you may have a ſquare Pipe of Wood, made like an Organ-pipe, to come down from the noſe of the Bellows through the Wall of the Furnace into the Aſh-hole; and to the pearch you may tye a piece of Rope with a wooden handle at the end, to pull by in blowing the ſaid Bellows.

In all the Operations I do in this Furnace (even when I Coppel) I uſe nothing but ſmall Sinder from the Glaſs-Houſe, which are not ſo heady as Charcoal.

Directions how to Coppel in this Furnace; and firſt, how to make a Coppel.

TAke ſuch an Iron Hoop, ſet it upon a ſheet of brown paper to ſave the bone-Aſhes (that elſe you might ſcatter;) then fill it with a ſufficient quantity of bone-aſhes, firſt moiſtened with ▽, ſo that they hold together

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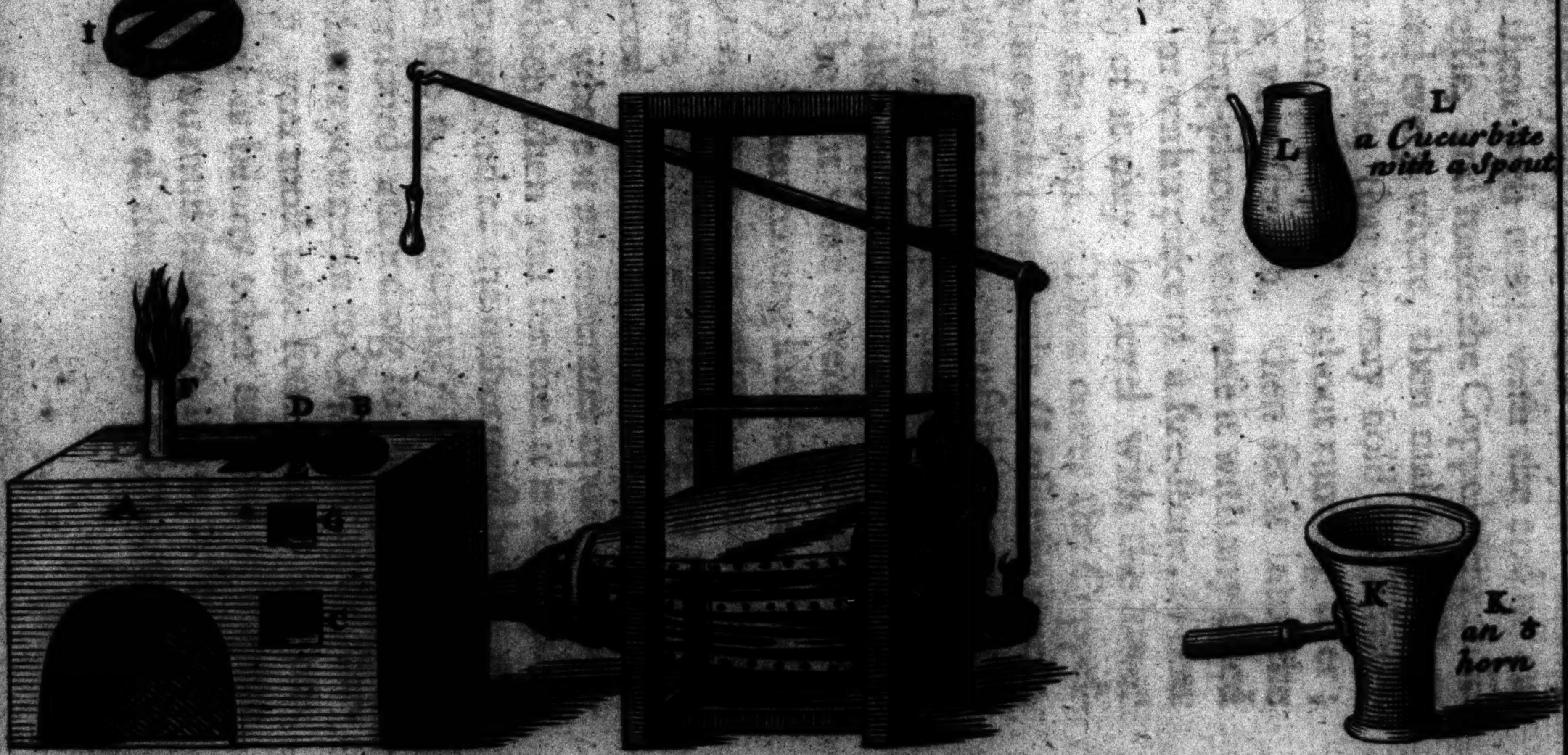
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ther when you preſs them in your hand; ſtamp them well down with the end of an Iron Peſtle, and make the Coppel very cloſe and hard every where, then make it hollow in the middle, that it may hold the Matter you mean to Coppel without running over; make it very ſmooth, then ſet it into the Coppelling-place, and raiſe it with any ſifted Aſhes, or with a piece of a fire-ſtone, ſo that the top of it may be level with the lower part of the gap. Then cover the Coppelling-place with two bricks, (I uſe two bricks, becauſe I can lift up one of them to put the Metal into the Coppel, and leaving the other brick, the Coppel is not all uncovered, as it would be if it were covered with one whole ſtone.) Then having kindled the △ in the Furnace, cover it as before, and blow the Bellows, and the flame finding no way out, is forced and driven into the Coppelling-place, where it reverberates upon the Coppel, which when you ſee that it is well nealed, lift up one end of the hithermoſt brick, and put in the ♄, the quantity whereof muſt be proportioned according to the impurity of the Matter you mean to Coppel; if it be *Sterling* ☽, you muſt take four parts of ♄ to one of ☽; if it be any other mixture of impure Metal, you muſt take five, ſix, or ſeven parts of ♄ to one of the Metal, according to the impurity of it. Govern the △ ſo, that the Coppel may always work and flow, and you may leave a little ſpace between the two bricks, through which you may look into the Coppel to ſee how it worketh, and if you ſee that it requires more flame than the Sinders, or Charcoal will afford, you may put into the Furnace a round thick piece of wood; but you muſt obſerve, that when the Coppelling-place is come to be red-hot all over, and the bricks alſo that cover it, the Coppel will then work with a very gentle △, ſo that then you muſt blow but gently; for if then you ſhould give ſtrong △, the Matter in the Coppel would boyl too faſt, and would ſpatter about.

Inſtead of an Iron Hoop, many times I uſe but an earthen Porringer, to make a Coppel, filling up the Coppelling-place with any Aſhes round about the Coppel, and find that it doth altogether as well, only that it ſerves but for once. Note, that whilſt you Coppel, or neal the Coppel, you may make *Regulus*, if you have occaſion, or melt any other Metal at the ſame time. This Furnace doth far exceed any ordinary Wind-furnace; for I can at any time make a parcel of *Regulus*, or melt any Metal before the △ would kindle in an ordinary Wind-furnace, and that with much leſs charge. In this Furnace you may diſtill with a luted Retort in a naked △, by leaving two little holes in the Wall of it to put two ſmall Iron bars in, to ſet the Retort upon; you may alſo diſtill in it, in Sand, both in a Retort and in a Cucurbite, by putting an Iron Pot into the Furnace with Sand, and laying ſome Brick with Clay about the Pot, to incloſe that part of the Pot (or luted Retort) that ſtands out of the Furnace, and you may give what degrees of △ you will, from the firſt and loweſt, to the fourth and higheſt degree.

The End of the Firſt Part.

CHYMICAL
SECRETS

The Second Part.

CONTAINING

Many Rare and Excellent *Medicines*, Choice *Menſtruums*, and *Alkaheſts*: The true and only way to Volatilize the fixt Salt of *Tartar*, and to Corporifie *Spirit of Wine*, which is *Aqua ſicca in forma Salis*, and is the true Vegetable *Menſtruum*.

Never before Publiſhed.

LONDON,
Printed for the Author. 1682.

CHYMICAL SECRETS.

The Second Part.

A Real and True way to Volatilize the Salt of Tartar, and Corporifie Spirit of Wine, as it was wrought by a Noble Perſon beyond Sea, and by him Communicated unto me.

HE took but lbj. of Tartar well Calcined, and diſſolved it in the Air, free from the Sun, then filtred, and congealed in a Glaſs Veſſel, then he Calcined it as the *Dutch-man* doth (in the next Proceſs) to keep it glowing hot for ſix or eight hours, then diſſolved it again in the Air, and filtred, congealed, and calcined as before. He repeated this ten times, then diſſolved it in diſtilled Vinegar (he uſed *Spaniſh* and *French* Vinegar;) the whole Secret (as he ſaith) conſiſteth in well diſtilling of the Vinegar, which muſt be done in *B. M.* but it muſt be ſo gentle, that you may receive the flegm by it ſelf; and as ſoon as you perceive that the drops come Acid, change the Recipient, putting on another, and then diſtill the Spirit with a ſtronger fire, ſo that you may tell eight or nine between every drop: Continue diſtilling until it become like a Syrup, then change the Recipient again, and diſtill with a ſtronger fire until it begin to ſmell of the fire, and that it be almoſt dry. Rectifie this laſt and ſtrongeſt part by it ſelf, and put it to the weaker part, (keeping the flegm by it ſelf for another uſe) and rectifie it together ſo often, until there remain not the leaſt ſpot at the bottom of the Glaſs after the diſtillations, which muſt be to dryneſs every time, and every time in a clean Retort: This is not a ſtrong Spirit of Vinegar, nor needs it be, but this will do the Work. Then take ℥vij or viij of your Salt of Tartar, and diſſolve it in as much of the ſaid Spirit, or more, as will diſſolve it; let it ſtand, and it will ſettle ſome black feces; then filter it, and congeal, and calcine it as before, but not with ſo ſtrong a fire; it muſt be ſcarce red-hot, and one hour will ſuffice; grind it while it is hot, and diſſolve it again in new diſtilled Vinegar as before, let the feces ſettle, then filter it, congeal and calcine again as before. Repeat this, till it leave no feces behind, which will be in Seven or Eight times, if you have wrought well; then when it is very dry, take ℥j. of it to make a tryal, put it into a clean Glaſs body, and pour upon it ſo much high rectified Spirit of Wine, as will not only moiſten it, but that it be very thin; let it ſtand thus twenty four hours cloſe ſtopped in a very gentle heat, that it may be but Blood-warm; then diſtill with a gentle fire. If the Spirit ſtays, and the flegm come away, then proceed with the whole parcel; but if not, you muſt continue the diſſolution in diſtilled Vinegar, Filtration, Coagulation, and Calcination, as before, until you find (by trying) that the Spirit ſtayeth with the Salt, which it will do in a few times: Then proceed with the reſt of the parcel in the ſame manner as you did with the Ounce; continue the imbibition and diſtillation with Spirit of Wine ſo often, till the Spirit of Wine come away as ſtrong as it was put on. Then here lyeth the Secret, to Sublime it: Diſſolve the ſaid Salt of Tartar impregnated in the flegm of your diſtilled Vinegar, or in a very weak Spirit of Wine, uſing no more of the diſſolvent than will diſſolve it; ſhake them well together, and it will inſtantly diſſolve all the beſt and fineſt part of the Salt of Tartar, and leave the courſe part of it, for that will not ſo eaſily diſſolve. Pour off the diſſolution, and filter it, then put it into a Cucurbite, and diſtill off the flegm off the Vinegar, or the weak Spirit of Wine, and then will the dry Spirit, or *Aqua Sicca* aſcend like the pureſt Iſickles dry that ever you ſaw; and this is the true Volatile Salt of Tartar, and Spirit of Wine, *in forma Salis*, and is the Vegetable *Menſtruum*, which will diſſolve leaf ☉ into an Oyliſh Subſtance in a very gentle heat.

The Tartar which remaineth in the bottom of this Sublimation you muſt put to that which was left undiſſolved by the flegm of Vinegar, or weak Spirit of Wine, and proceed to fix more Spirit of Wine upon that, being firſt Calcined, but not ſo long, nor with ſo ſtrong a fire as formerly; and then diſſolve it once in the Air, and it will leave more feces at this time than at any time before; then filter and congeal, and diſſolve it in diſtilled Vinegar as before. And now you ſhall do more in three times than you did all the times before, for the Tartar is altered in its Nature; then proceed with it as before, imbibing with *S. V.* And thus you may fix as much *S. V.* as you pleaſe, and Sublime as many pure and clear Cryſtals as you pleaſe.

Note, That when your Spirit of Wine is fixed on the Tartar, it will be as ſweet as Sugar; but when it is ſeparated, as aboveſaid, the Tartar will be of its old Nature, but fit to be impregnated again with much leſs trouble.

The Dutch-mans *Proceſs of Volatilizing Salt of Tartar, and Corporifying Spirit of Wine, is thus:*

HE diſſolveth his Tartar Calcined in diſtilled Rain ▽, and being ſettled, filters and congealeth, then Calcineth it for ſix or eight hours, ſo that it be only glowing hot, and no more: Then Powder it, and diſſolve it, filter, congeal, and reverberate, as before; and this he doth ſixteen or eighteen times, until the Tartar ſettle little or no feces. Then take four or eight Ounces of it (or what you pleaſe) and put it into a Cucurbite, and pour upon it the beſt rectified Spirit of Wine, ſo much, that it may be well moiſtened, but not to ſwim over it. Then he digeſteth it in *B. M.* for a day, and then gently diſtills it off, but the Spirit of Wine aſcendeth, and will not ſtay; when it is dry, he puts the Spirit of Wine back again upon it, and diſtilleth as before; and this he doth ſo often (twelve or fourteen times) and then it will hold the Spirit of Wine, and the flegm will come away: This he doth with new Spirit of Wine; and when he findeth that a pretty quantity is congealed with the Tartar, he grinds it (being very dry) and mixeth it with three parts of good Bole-Armony, and puts it into a Retort, and diſtilleth a Spirit from it by degrees of fire, forcing it ſtrongly at laſt, and it will be a yellow Spirit, which he deflegmeth once, and then diſſolveth his Calx of ☉ in this *Menſtruum*, which by digeſtion extracts all the Tincture of ☉, and leaveth the Body white, tinging it ſelf of a pure red. Of this he giveth two or three drops in a little Sack, which doth Miracles (as he ſaith.)

He maketh his red Calx of ☉ thus:

Diſſolve fine ☉ paſt through Antimony in *A. R.* then put water into it, and then caſt in ☿, and all will become like a *Hepar*; then waſh the *aaa*, and grind it with three times as much prepared Salt, and diſtill it in a Retort; then edulcorate the Calx, and

and grind ʒj. of it with three of Cinaber, and then reverberate it by degrees gently: This he doth twice a day, and repeateth it eleven or twelve times, and it will be a moſt ſubtil red Calx, like Scarlet in colour.

Elixir ex vino & Sole.

TAke the beſt Odoriferous Rheniſh-wine five Gallons, ſeparate its Spirit and Salt, rectifie the one, and purifie the other; then acuate the Spirit with another prepared Salt, and at laſt joyn it to its own pure Cryſtalline Salt; then is it a true *Aqua vitæ Philoſophorum*. This muſt diſſolve a well prepared Calx of ☉, and by a continued circulation unite with it; then by Sublimation be fixt together, and laſtly, by Solution and Coagulation become incombuſtible Oyl, which is a great Medicine.

Monſieur Toyſonnier *wrought thus*:

TAke freſh Urine of young Boys, fill one Pot with it, and evaporate it away, next Morning put on freſh, and evaporate; do thus three or four days, then evaporate to a Honey, and that you feel a Ponticiſe ſmoak from it, then ceaſe, and put your Honey into an earthen Veſſel, and expoſe it to Celifie in the Air: As ſoon as it is cold, it will be hard, but the Air will reſolve it: Make thus what quantity of Honey you pleaſe: Celifie them four days, then have another earthen Pot, covered with a reverſed one that hath a hole in the bottom, faſten thereon a neck of a Cucurbite of Glaſs, ten or twelve inches long, upon which a Retort, with the bottom out for a head, to which faſten a great ballon. He did put fifteen pound of Honey into his Pot, and with a gentle fire firſt diſtilled off the Spirit and Volatile Salt; theſe he put upon new Honey, and in *Balneo* diſtilled a purer Spirit and Volatile Salt; (the flegm that followed, if put upon new Honey, will become pure Spirit and Salt) draw the fixed Salt out of all the *Caput Mortuums*; put ℥xij. of the Spirit upon as much pure Spirit of Wine, and it will coagulate it all into a perfect dry Salt: Mingle theſe ℥xxiv. of Volatile Salt with ℥vj. of Salt of Wine, ℥iij. of Volatile Salt of Urine, and ℥iv. of ☿ Precipitate, and put them into a Body with Head, Limbeck, and Receiver, and Sublime with gentle heat: Part cometh over in Spirit, and part riſeth in Salt. Take ℥xiv. of Salt, and vij. of Spirit, and ℥ß. of Calx of ☽, and diſtill with exceeding gentle heat in a Body and Head with a Receiver, a liquid Spirit will come over, and a white Salt Sublime into the head. Put all back upon the Cake of ☽, and diſtill as before. He hath now repeated this Work eleven times; at the firſt, the Spirit and Salt were ten days riſing from the ☽, but afterwards ſeven or eight. The junctures were all perfectly ſhut, yet above half of the Volatile Matter was vaniſhed. The Salt of Wine was made thus: (*Spaniſh* Wine gave none, but *French* did pretty ſtore.) After you have drawn off the Spirit and the flegm, evaporate the reſidue (very gently) *uſque ad pelliculam*, then ſet in a cold place, and in fifteen days there were many Cryſtals in it; waſh theſe with the flegm of the Wine, from the blackneſs and foulneſs that is upon them. The ☿ Precipitate was made thus: Diſſolve ℥iv. of ☿ in ℥x. of *A. F.* made of two parts of Vitriol, and one of Nitre. Extend the ſolution, by pouring a great quantity (eight or ten Pints) of fair ▽ upon it; then pour upon it a *Lixivium* made of the fixed Salt of Wine and fair ▽. He made his *Lixivium* of ℥iv. of fixed Salt, and but one of the ☿ Precipitate; wherefore he poured upon the Liquor that he poured off from the Precipitate about half a pint of the Spirit of Wine, and then the ☿ Precipitated all down. Take both the Precipitates, and waſh them a little from the Spirits of the *A. F.*

Hartman.) *This Relation is of Sir K. D. his, done by his Operator Monſieur Toyſonnier, in his Operatory in the Piazza in Covent-Garden.*

The Menſtruum Coelicum Exuberatum, *to diſſolve ☉, and all Metals, and carry them over the Helm. Wrought by* Dr. Clodius, *and by him Communicated unto me.*

PUT ℔j. of perfectly rectified Spirit of Urine to ℔iij. of a perfectly rectified Spirit of Wine, and it will coagulate it all to a drop into a firm Salt; Sublime and diſtill this, and about ℔ß. will Sublime up in a moſt pure active dry Salt, and about two ſpoonfuls will come over in a fiery Liquor, and the reſt will be a ſtinking flat flegm remaining in the Cucurbite. Add Spirit of Wine to your two ſpoonfuls of Liquor, ſo much as to make it up ℔iij. put this to your ℔ß. of dry Sublimed Salt, and all will be a *Coagulum*, which diſtill and Sublime as before, and you ſhall have about two ſpoonfulls and a half of fiery Liquor, and about ℥ij. more than before of Sublimed Salt, and in the bottom will remain a ſtinking flegm as before. He repeated this twelve times, ſtill with freſh Spirit of Wine, and every time the quantity of the fiery Spirit increaſeth (drawing ſtill ſome little addition of dry Salt from the Spirit of Wine) till at length all the dry Salt come over in liquid fiery Spirit, which he calleth *Menſtruum Cælicum*; then it will diſſolve ☉, and all Metals, and carry them over the Helm with it. This poured upon Salt of Tartar, will preſently diſſolve it, and carry it over the helm with it: You may alſo multiply it as much as you will with pure Salt or Spirit of Urine.

To add ☿ to it, do thus. Take ☿ well purified (if *Spaniſh*) ſhaking and waſhing well with Spirit of Wine or diſtilled Vinegar, till it yield no more blackneſs, will ſerve; but if other, Sublime it ſometimes to perfect purity. Then he put ℔v. of it into a Retort, joyning a large ſtone Receiver, and gave ſtrong ſudden △. Repeat this till you have *Mercurial* ▽ enough, which will be quite inſipid; Put this ▽ upon purified running ☿, and digeſt them together thirty days, & all will be a viſcous Mucilaginous Matter: Diſtill off the flegm, and you ſhall have an Oyl remaining; put upon this Oyl your fiery Spirit of Urine, and Spirit of Wine (twelve times repeated, as is mentioned) and the Spirit will reſolve the Oyl; then diſtill them over together, and you have the *Menſtruum Cælicum Ethereatum*. To make *Regulus* of ♉ with ☿, you muſt pulverize the *Regulus* groſly, as Bay-Salt; then ſtrew it gently upon the ☿ in a Matraſs, and digeſt three or four days; then grind together, and it will *salute*. Thus you may do with ☽ and *Reg.* He found difficulty in doing it with ☿ and *Reg.* but after digeſtion, he let it ſtand a little while with ▽ and Salt upon it, and it *alkaled* of it ſelf with the ☿. If you digeſt eight days, the blackneſs you waſh away is a Combuſtible Sulphur, like Powder of Coal. He maketh *Mercurial* ▽ thus: Put ſtore of quick dry Sand upon ☿ in a Cucurbite, and diſtill it in very gentle fire, and moſt will come over in ▽: Put this ▽ upon new ☿, and digeſt, and it will bring it into an Oily ſubſtance; mingle this with your *Coagulum* of Spirit of Wine, and Spirit of Urine (*See* Lullies *eight Experiments*) and make an *Alkabeſt* of theſe, which will be perfect when it is *alkalized* with ☉.▽ Then proceed as *Lully* teacheth.

The ſaid Dr. *Clodius* told me alſo, that the great Secret of Purifying all Salts and Vitriol, *&c.* conſiſteth in the purifying the *Menſtruum* (*i. e.* ▽) for if the ▽ have feces, in which you diſſolve them, it rather increaſeth their foulneſs. He doth thus:

Set Equinox Rain ▽ (pure Dew were better) to putrifie in Glaſs Veſſels, ſlightly covered (only to keep things from falling in) in a Cellar; in ſix weeks the putrefaction will be finiſhed, and all the feces fallen to the bottom; filter it, ſet the clear to putrifie again, which will require longer time than before: If you put ſome quick dry Sand in it, it will help the putrefaction much the ſooner, drawing down the foulneſs to it. In this purified ▽ diſſolve your Salt, Vitriol, Salt of Urine, *&c.* And you muſt have a Gallon of this water to ℥j. of Salt; for ſuch dilating of the Salt maketh the *Menſtruum* lighter than the feces, and therefore they fall down. *Mark the end of* Iſaac Hollands *Proceſs upon Vitriol, where he directeth diſſolving it in fair ▽ diſtilled off*; then filter and congeal, and this you may repeat two or three times: Then take nine parts of this pure Salt, and put to them one part of pure Spirit of Wine, digeſt them together for ſeven or eight days, then diſtill off the Liquor very gently, and about fourteen or fifteen parts will come off in inſipid flegm, and only one part, or a little more will remain with the Salt in a dry ſubſtance. Repeat this nine times with freſh Spirit of Wine, till you have employed as much Spirit of Wine as you wrought upon Salt, which will be increaſed ſcarce one part: Put it then to Sublime, and every whit of it will riſe in a pure

Sublimate, excepting a ſmall parcel of feces that will remain in the bottom: You may multiply this Sublimate as much as you will, by addition of Spirit of Wine to it; then diſtilling away the Liquor, for the * of the Spirit of Wine will adhere to the pure Salt in a pure Saline form, and the reſt will come away in an inſipid flegm. But in the end this Salt will be apt to come over in an Oily Liquor, and ſometimes after that, in form of Salt again: But he cannot yet penetrate into the Cauſes of theſe Bodies coming over ſometimes liquid, ſometimes dry. Incorporate ſome of this Salt with pure Spirit of Wine, and it will diſſolve ☉, and all Metals.

To prepare a moſt Excellent Medicine with this Mercurial *Water, proceed thus.*

TAke of the afore-ſaid *Mercurial* ▽ and of Spirit of Wine diſtilled three times upon Honey, and then rectified upon Salt of Tartar, of each equal parts; diſtil them together, until they be well united: Then to ſix parts of this *Menſtruum* put one part of a Spungy Calx of ☉, digeſt them together, until the ☉ is totally diſſolved, except a little white Earth, which will remain in the bottom. Then diſtill in a Retort in

Sand, and cohobate ſo often, until the ☉ come over: into the Receiver. Then ſeparate it, by diſtilling in a Cucurbite, and there will remain a red Oyl like a Ruby in the bottom; whereof one drop in ſome fit Vehicle, is admirable for Health. *This diſſolution of ☉ hath a most Odoriferous ſcent, better than Amber and Musk.*

The Lunary ▽ of Paradiſe, or the Cæleſtial Eagle of the Lunar Sphere, which is Lullys *true Spiritual Lunary.*

Diſſolve ☽ in *A. F.* and precipitate it with Spirit of Salt, dry the Calx, and mix it with equal parts of Calx of ♃, and thence diſtil the volatil Cryſtals or butter *ſ. a.* Expoſe this butter to the Air to reſolve into liquor, that by that means it may make a Dentifique attraction of the Spirit of the World, which ſpecifieth it ſelf by this Magnet. Put the clean liquor into a Cucurbite, and digeſt with a Lamp △ for 15 days, at the end of which time there will diſtil over an Ætherial liquor, *which is the Lunary; with which you may work Miracles in Phyſick, eſpecially in all diſeaſes of the head and brain; the doſe is the ſame with the former, mixing it with a fit Vehicle; Note, that it turneth all liquors into milk, and is ſometimes Emetick.* For tranſmutation; deflegm this ∇ as before and you ſhall have the Metalline Gluten; which being digeſted *per ſe*, will become a white Powder of projection; and afterwards a red one: But it will be better to add a tenth part of leaf ☉ or of the Sulphur of ☉ made by the *Sal Enix*: It is multiplyed by new addition of the Lunary or Gluten. Note, that this liquor is the Sommet of the Lunary: For the Volatil Cryſtals of ☽ are the ſimple Lunary; but this Cœleſtial ∇ is the Spiritual Lunary, or the higheſt point of the Metalline Salts: Note, that you may draw the red and white Oyl of what remaineth, and proceed as before.

Water of Paradiſe of Saturn, or Jupiters Cœleſtial Eagle.

Diſſolve ♄ in common *A. F.* and it will precipitate into a Potential ☿; dry it, and mix it in great quantity with equal parts of Calx of ♃ or with ♁: Draw the Volatil Cryſtals or butter from this, which reſolve in the Air: Put the liquor into a Glaſs Cucurbite, with its head and recipient, digeſt with a gentle lamp △ the ſpace of 15 days; nothing will come over by diſtillation, but only the liquor will Maturate, and become red, and afterwards within twenty, thirty, or fourty days the *Idea* of ♄ will riſe inviſibly, and diſtil into the Recipient, which is the ▽ of Paradiſe.

This ▽ cureth all Saturnian Maladies, and Melancholy, being mixt with S. V. *You may give it in all Inflammations both inward and outward: The Doſe is equal with the former.*

To uſe it for Metals, put this ▽ of Paradiſe into a ſmall Cucurbite and deflegm it with a Lamp △ and there will remain the Saturnean Gluten, the Philoſophers Gum; or ☿ of the wiſe, A Lot, *&c.* Digeſt *per ſe*, or add a tenth part of ☉ This Gum is the true Metalline radical Moiſture.

About Vitrum Antimonii, *and the Tincture of it.*

MOnſieur *Borel* told me, that he had obſerved this in making the Tincture of ♁ (by diſtilled Vinegar upon the Glaſs of ♁) that when he went to dulcifie the Salt that remaineth in the Tincture after the diſtilled Vinegar is evaporated away (as *Baſ. Val.* teacheth) he could never perceive that the ▽ evaporating carried away the remaining Salt of the Vinegar, but ſtill when the ▽ was gone, and left the Powder dry, it was as ſalt as ever before, and was of a brown gray colour. But this he obſerved, that after four or five times diſſolving in ▽ and evaporating, the Tincture Precipitated down very red, and the Salt of the diſtilled Vinegar remained diſſolved in the ▽, ſo that he then poured off the ▽, and dryed the Powder, which then was exceeding red, and perfectly dulcified: But after thus ſevering of the Salt from it, *S. V.* would not touch upon it, and extract it any further: Peradventure a Tartarized *S. V.* will do it.

He alſo told me, that in making the *Vitrum Antimonii* for this Work, the Myſtery to have it certain and conſtant, conſiſteth in this; That after you have Calcined your ♁

by long and gentle evaporation and ſtirring, ſo that it ſmoak no more; and when you have put it in the Crucible to melt into Glaſs, you muſt put to it a little piece of a Coal to burn with the ♉, and ſet the Sulphur of it on fire, which will make a little *Regulus* fall down to the bottom, and the Glaſs will be pure clear and red, whereas if no Coal fall or be put in, it will be black and muddy: And that which maketh this Work of Vitrifying the ♉ prove uncertain, is, that ſometimes ſome Coals fall into the Crucible (as one gives great heat) without the Artiſts taking notice, and then the Work proveth well, but if no wooden Coals fall in, the Glaſs proveth not as it ſhould.

Monſieur *le Fevre* told me, that when he makes the Tincture of *Vitrum Antimonii*, he obſerves, as Monſieur *Borel* ſaith, that if the extract of it made by diſtilled Vinegar be perfectly dulcified from all ſaltneſs, the *S.V.* will not touch upon it; and if it be put upon it in dry Powder, containing the Salt of the diſtilled Vinegar with the Tincture of the ♉, it will draw with the Tincture ſome nocuous Spirits from the Salt; therefore he doth thus: Evaporate fair ▽ from it two or three times, the laſt time leave it very moiſt; then put *S.V.* upon it, and it will preſently impregnate it ſelf with the Tincture.

A white Spirit of Sulphur to diſſolve ☽ and ☿; given me by Monſieur Bugneau,

TAke the black Spirit of Sulphur, made *per Campanam*, put it into a Glaſs Retort well luted (for fear of breaking) all but a patch at the top as big as a Crown-piece, that you may thereby ſee (holding a Candle near it) in what ſtate the Liquor, therein contained, is: Diſtill in Sand, till all the flegm is come over, and that it begin to drop very ſharp, which happens to him after ℥vj or vij. are come over, of ℔j. of Spirit put at firſt into the Retort. By this time you ſhall ſee a little ✱ Sublime up to the diſcovered place of the Retort, and a brown Circle of earthy ſubſtance ſwimming upon the Liquor about the ſides of it joyning to the Glaſs: You muſt now give the △ ſo quick, that the Liquor boyl a little, and preſently you ſhall ſee it turn all white, and the brown *Corona* of Earth become white: Then let the fire die, and when the Retort is cold, pour out the Spirit, which will look like Rock ▽, and will leave ſome dregs behind; you will have about ℥ix. of this Spirit, put it upon ℥iv. of ☽ in leaf, and diſtill it gently off, and after a while you ſhall ſee your ☽ quite diſſolved into clear Liquor; let it cool, and the ☽ will become a Cake of Cryſtal, and ſome Liquor will ſwim over it; pour off this Liquor, and put ℥ij. of freſh ☽ to it (which now may be in ſmall *grenailles*) and it will diſſolve this as the former, and become a Cryſtal by cold: The Liquor that you then pour off will diſſolve ℥ij. more of freſh ☽, doing as before. Now the Liquor that remaineth after this third ſolution of ☽, will diſſolve ℥ij. of running ☿ into a Cryſtalline ſubſtance as the former.

This Spirit of Sulphur thus rectified, being uſed inwardly (before it is uſed with ☽) is much ſtronger than when it is black, at the firſt drawing, and is much gratefuller to the taſte, being mingled with ▽ or other Vehicle.

An Universal Medicine, from ☉ and ☿, &c.

TAke of the ☿ prepared, as ſhall be taught hereafter, ℥j. of the Tincture of ☉, afterwards ſet down, ℥j. mix them well together in a Glaſs Mortar, then put them into a ſmall Matraſs, and digeſt them with a Lamp △ with one wick only for ten days; then digeſt for ten days more with two wicks, then with three, and laſtly, with four wicks, which makes fourty days digeſtion in all, at the end of which you ſhall have a red Powder as red as a Ruby.

This Powder is an Univerſal Medicine for the greateſt and Chronick Diſeaſes: It Cures the Gout, Dropſie, Palſie, French-Pox, *Plague, Leproſie, the Evil, Small-pox, and Meaſles.* Its viſible Operation is by Stools, by Urine, and by Sweat: The Doſe is from gr. iij. to iv. or v. in Conſerve of Borrage or Violets.

To prepare the ☿ for this Work.

TAke gravelled Aſhes, (or inſtead thereof you may take the Aſhes of dryed and burnt Lees of Wine) and of Quicklime, of each equal parts, boyl them together in ▽, and make a *Lixivium*, which filter. Take ℥iij. or iv. of ☿ *vitæ*, put it into a Matraſs, and pour upon it of the aforeſaid *Lixivium*, ſo much as may cover it the breadth of four fingers; digeſt with the ſecond degree of heat, for three or four days, the *Lixivium* will extract the Tincture of the ☿ *vitæ*; then decant, and put on freſh *Lixivium*, and digeſt. Repeat this, till you have extracted all the Tincture of your ☿ *vitæ*, and the Powder be well attenuated: Then mix this Powder with equal weight of Sublimed ✱, incorporate them well together with double as much of Oyl of Tartar, then ſet it to putrifie *in fimo* for thirty days, changing the Dung every ſixth or ſeventh day. Then put your Matter in a Marble Mortar, and grind it well, adding a little warm ▽ to it; then add a little more water, but a little hotter than the firſt, and grind it well; then let it ſettle, and decant the ▽, and put on freſh warm ▽, and grind as before, then let it ſettle, and decant the water; and put Vinegar upon it inſtead of ▽, and grind it, and you will ſee in a ſhort time the Powder converted into running ☿. Note, that if you Sublime *Regulus* of ♁ with four times as much ✱, it will Sublime with it in very red flowers; out of which in the ſame manner you may extract ☿.

To prepare the Tincture of ☉ for this Work.

Take fine ☉ in thin Plates, diſſolve it in *A. R.* then pour into the diſſolution ſome ☿, and a fourth part of *A. F.* keep it in digeſtion untill the ☿ is all diſſolved; the diſſolution of ☉, which was of an Orange-colour before, will now be white and clear, and the ☉ will Precipitate to the bottom in a very ſubtil and ſpungy Calx; decant the clear, and edulcorate the Powder of ☉, till it be freed from all Acrimony, then dry it.

Then take fine Pumice-ſtone, and make it red-hot in a Crucible, then extinguiſh it in Vinegar; reiterate the ignitions and extinctions five or ſix times, then reduce it into ſubtil Powder, which ignifie again for half a quarter of an hour, then make it as ſubtil as you can. Then put a bed of this Powder into a Crucible, about a fingers breadth, upon that put a Bed of your Powder of ☉: Continue thus ſtratifying until all the Powder of ☉ be in, then cover the Crucible with another, and lute them well together, and put it into a Glaſs Oven where they prepare their Matter, ſo that the Crucible may be always red during twenty four hours, and that the Matter in the Crucible may not melt. Then take out the Matter out of the Crucible, and pulverize it; then put this Powder in a Matraſs, and pour upon it of the following diſſolvent, ſo much as may cover it three fingers breadth, digeſt it in Aſhes for 34 days, within a few hours you will ſee the diſſolution Tincted of an Orange colour; after four days digeſtion decant the Tincture, and pour on more of the diſſolvent, digeſt as before. Repeat this till you have extracted all the Tincture of your Powder; then filter all your Extracts, and evaporate with a gentle △ to dryneſs, and you will have a yellow Powder of an Orange-colour; put this Powder into a Matraſs, and pour upon it a *S. V.* prepared as ſhall be taught hereafter; digeſt it, and in two days the *S. V.* will be Tincted as red as Blood, which decant, and put on freſh *S. V.* digeſt and decant. Repeat this ſo often till you have extracted all the Tincture out of the Powder: Then diſtill off the Tincted *S. V.* in *B.* with a gentle heat to dryneſs; and thus is the Tincture of ☉ prepared for this Work, to be uſed with the ſaid ☿ of ♁, as is ſaid above.

Note, That if you digeſt and circulate this Tincture *in fimo* before you diſtill the *S. V.* from it, and then diſtill and cohobate two or three times, and abſtracting half the *S. V.* from it, you will have a kind of an *Aurum potabile*, which is a very great Corroborant in the greateſt weakneſſe. The Doſe is five or ſix drops in any convenient Vehicle.

The Diſſolvent.

MElt Salt in a Crucible, then take ℔j. thereof and pulverize it; mix this Powder with ℔iij. of Honey, boyl them together in an Iron Kettle to the conſiſtence of a Suppoſitory; then caſt this Matter upon a ſmooth ſtone, and being cold, pulverize it, and put it into a Retort; pour upon it diſtilled Vinegar rectified, ℔iij. Digeſt for twenty four hours, then diſtill in Sand by graduated △, giving ſtrong △ at laſt for ſix hours, that the Retort may be red; then let it ſtand to cool the ſpace of twelve hours: Then diſtill this Vinegar in a Cucurbite in Aſhes, ſeparating the flegm, rectifie it three or four times more, and it will be white and clear; before it was yellow.

To prepare the Spirit of Wine, fit for this Tincture of ☉.

TAke Salt of Tartar well purified by ſeveral Diſſolutions, Filtrations, and Coagulations, and then reduced to Powder, ℥iv. which put into a Retort, and pour upon it ℔ij. of rectified Spirit of Wine, let it ſtand ſo twenty four hours, then diſtill only ℔j. of it in Aſhes, and you ſhall have an excellent Spirit of Wine, fit to draw Tinctures. In the ſame manner you may extract the Tincture of Coral, putting the Corals whole with the Pumice-ſtone, which by its dryneſs will extract the Tincture of the Corals, leaving them as white as Starch.

In the ſame manner you may alſo extract the Tincture of ☽, which will be blew.

Sir Kenelm D.) *This Proceſs was given to Monſieur* Vrto, *Phyſician of* Burges, *by Monſieur* Mayo, Sieur de Vancours. *This Monſieur* Mayo *was a great Friend and Confident of Monſieur* de la Violette, *who gave him this Operation, and they made it together. He ſaid, that this was the ſolideſt and beſt thing that Monſieur* de la Violette had. *He gave this to Monſieur* Vrto *in acknowledgment of a very great good turn he had done him, and after Monſieur* Vrto *had refuſed to receive of him a Preſent of great Value.*

A great Corroborant and Sudorifick, wrought by Monſieur Du Cloſs, *Phyſician at* Paris; *given me by him the 16th. of* Auguſt, 1660.

Diſſolve ☉ by means of Salt, Nitre, and Allom, *&c.* after *Zwelfer*'s manner; then evaporate away the ▽, and put *S.V.* upon the remaining Powder, and it will go all into a Tincture, or rather all the ☉ will diſſolve in the *S.V.* leaving the Salts, moſt of which will Precipitate in the *S.V.* Then he Precipitateth the ☉ with Oyl of Tartar, and waſheth and dryeth it, then reverberateth it, and it is in a deep red Powder; and this he called *Crocus Solis.* (But it is not ſo, almoſt all the ☉ remaineth ſtill in the ſolution (which is yellow) and Oyl of Tartar will not Precipitate it, ſo that it is rather the Salts that remained in the *S. V.* and a little mingled with them:) But take Spirit of Honey (the Vinegry Spirit) two parts, and one part of *S. V.* and pour this upon the ſolution, and all the ⊙ will Precipitate like a green Mud; pour off the Liquor, and put fair ▽ to the Precipitation, and ſome ☿, and ſo you may have all your ⊙, which when it is dry, will be a deep-red Powder, but if you reverberate it, and *aääte* it with ☿, and grind it with Sulphur, and then burn and reverberate it, it will all fly away: And this is his beſt way of Calcining and opening ⊙.

Upon this Calx of ⊙ he putteth his *Menſtruum*, and in twenty four hours it will Tinct it ſelf as red as blood, which if you digeſt long, an Oyl will ſwim upon it; he evaporateth the *Menſtruum* till it be thick, and digeſts that with a Lamp Furnace.

His Menſtruum is thus made:

TAke pure *S. V.* and pure Spirit of Urine, *ana*, put them together, and diſtill off the *S. V.* with very gentle heat, there will remain a flegmatick Liquor in the bottom: Cohobate the *S. V.* upon it till there remain only perfect flegm in the bottom, and that all the Spirits and Volatile Salt of the Urine be in the *S. V.* This is a great diſſolvent and Alkaheſt; but it will be ſtronger if you work it again with new Spirit of Urine, and ſo you may make it as ſtrong as you will: But this hath not the Properties of *Helmont's* pretended Alkaheſt, to come off from the Body it hath diſſolved, as ſtrong as you put it on, for it leaveth much of the Saline Spirits with the opened Body, if you diſtill it off: He found ſome running ☿ in the filters after he had diſſolved the ☉ only as far as *Zwelfer* teacheth; which ſolution openeth it exceedingly, and rendereth it apt to Mercurialization; but he uſeth moſt the following Calx of ☉: Make an *aaa* of ☉ and ☿ in due manner, which grind well with Flowers of Sulphur, and ſet it upon Coals, and ſo make a Calx of ☉ (*ut artis eſt*:) Repeat this Calcination two or three times, then take the Calx of ☉, and grind it exceeding well with twice as much pure decrepitated Salt; put theſe into a Crucible, which cover well, and ſet it to Cement or Reverberate during ſix hours (or more) in a Furnace where the heat may be increaſed by degrees, ſo that in due time the Crucible become red. Continue ſo a pretty time, but have a care the Salt melt not: When it is cold, take out the Matter, and grind it well, and pour hot

▽ upon it, to diſſolve all the Salt, and filter it off, and pour on more ▽, doing ſo till you have ſevered all the Salt from the ☉ (as alſo a white Earthy ſubſtance, that will ſwim upon the ▽) then dry the ☉, which grind again with double its quantity of prepared Salt, (the ſame Salt will ſerve again when the ▽ is diſtilled from it) and Cement it, and work all as before, taking care always, that the ☉ ſettle well to the bottom after you have ſtirred it in the ▽. Repeat this ſix, ſeven, or eight times (the more the better) till the ☉ come to be all a gray or white Powder: Then Cement it with double its quantity of pure Salt of Tartar, in the ſame manner as you did with Salt, and do always all as before. Repeat this two, three, or four times, dulcifying it every time very well from the Salt: Then put upon it (being very dry) the *Menſtruum* of *S.V.* and Spirit of Urine, mentioned before, and it will be Tincted Blood-red in twenty four hours: Pour off that, and put on more, till you have drawn out all the Tincture, which diſtill in a Cucurbite with very gentle △, till it become a Gum, of which he putteth ℥j. into a Pint of Sack, and giveth a ſpoonful for a Doſe. It is a mighty Corroborant, as alſo a Sudorifick, where Nature requireth it. It will make one ſweat twenty four hours.

The manner of making his *Menſtruum*, is, to put the two Spirits into a long Cucurbite with a narrow mouth, on which he put a Head, fitting it in the Orifice, but very large in the Body of it, and ſo diſtilleth off his *S. V.* and cohobateth it upon the ſame Spirit of Urine, till the Volatile Salt be drawn out of it, or upon new, as you ſee occaſion.

Quære, Of putting this *Menſtruum* upon a Spungy gray Calx of ☉, made after *Vandykes* way.

The Metalline Aureal ▽, *or the Æthereal* Aurum potabile; *which is a very great Medicine for the Gout: It is the true Hermaphroditick Bath.*

Diſſolve ☽ in *A. F.* then Precipitate it with Spirit of Salt, then edulcorate the Powder and dry it, then mix it with its weight of ♁ (or Calx of ♃) diſtill a tranſparent Butter thereof: Take of this Butter one part, mix it with as much of Calx of ☉ (made by diſſolving ☉ in Spirit of Salt) digeſt them together, until they be reduced into a Liquor: Diſtill this Liquor in a Retort, the Spirit of Salt will come over firſt, and then will follow a red Butter, which is the great *Chalybs*, which reſolves into a

Liquor in the Air; put this Liquor into a Cucurbite, joyn a Head and Receiver to it, and then digeſt with a Lamp △ for fifteen days, then an Æthereal Liquor will begin to come over in an inviſible form, which will diſtill into the Recipient: Deflegm this Liquor until you come to the Eagles Metalline Gluten; which is digeſted (either *per ſe* or with ⊙) into a true Phyſical ſtone: When it is in an Æthereal Liquor you may take two drops of it in ſome Cordial Spirit.

The Eagles Gluten, or ☿ of the Wiſe, or Metalline Menſtruum; *with which and Lions Blood is made the Metalline Stone.*

THE Gluten is of divers ſorts: The firſt is altogether Mineral, and is drawn from ☿ and ♁: If you joyn Sulphur of ♁ with this Gluten, you may make a Medicinal Stone of it. The Second is Metallick, *viz. Saturneal, Lunary,* and *Aureal.* The third is partly Mineral, and partly Metalline; as for Example, when one draws a Liquor (which doth not wet) from ☿ of ♄ (that is to ſay, from its repercuted Calx) and ♁, which is the Magnet of the Spirit of the World; then draw the Gluten as you know. The Gluten is Mineral and Metalline,

line, and is ſufficient to make the Phyſical Stone of it, both Mineral and Metalline.

Note, that if you digeſt *per ſe*, what ſort of Gluten ſoever, you may make the Phyſical Stone of it. But for to ſhorten the Work, you may add ☉; for all Metalline or Mineral Gluten contains in it ſelf its internal Sulphur, which may be coagulated and fixed into a true Ætherial *Panacæa*. But it is better to add this Solary Ferment, as ſhall be ſaid hereafter. Wonderful things may be performed (both in Phyſick, and in Tranſmutation of Metals) with any ſort of Gluten, either Mineral or Metalline. The ▽ of Paradiſe differs not from the Gluten, except that it containeth ſome parts more liquid, and is yet full of flegm, as ſhall be ſhewed.

Water of Paradiſe, or of the Hermetick Eagle, whereof are made unheard-of Medicines, and Powders of Projection.

THE ▽ of Paradiſe is a certain fiery or Æthereal ▽ drawn from Coeleſtial Bodies, chiefly from ☉ and ☽, without the mixture of any wateriſh flegm; ſo that, what is attracted is the Univerſal Spirit, the Informing form of the Elements, that of the World, Influence of the Stars, Soul of the

World, the vital Nutriment, latent in the Air. This ▽ is moſt potent to drive out all Diſeaſes, it being altogether Aſtral, and needeth not be taken by Drams, Scruples, or Grains, but the twentieth part of a Grain is ſufficient for a Doſe; yea, almoſt the Vapour only of this Gluten ſufficeth, as you ſhall ſee: It is attracted by ſeveral things, or (to ſpeak plain) there are ſeveral things which attract it from the Stars; firſt, by *Sendivogius* his Magnet, or *Chalybs*; but it requires a longer time to have this Gluten, or this Philoſophical ▽, which is all, to all univerſal; for it requireth ſeven Months to prepare this Univerſal *Menſtruum*, after you have the Salt of Nature; which is a thing indeterminate, and requireth a Metallick Ferment, ſpecifick, for to ſpecifie and determinate it. This moſt Noble way is clearly and neatly ſhewn by the Author: But there are other ways, which are ſhorter, by which this Spirit of the World is attracted by ſeveral Magnets, whereof ſhall be ſpoken hereafter. Note, that the Phyſical Stone may be made of all ſorts of waters of Paradiſe; for it is the Philoſophical ☿ which is ſufficient for himſelf and for thee; for it contains in it ſelf a pure Sulphur, which may be congealed into a *Panacea*: But for to ſhorten the Work, the Solar or Lunar Ferment

ment is added, to the end that this Gluten, or fiery ▽ may be ſooner congealed and fixed: So that, beſides this *Generaliſſima* way, or this Univerſal Stone of the Philoſophers, there are five other Stones; to wit, firſt, the ſimple Mineral, made of ☿ *per ſe*, or with ☿ and ♁, with the Sulphur of ♁. The Second is the ſimple Metalline ſtone, made with ☽ only, with ♃, or with ☉ and Solar Ferment. Thirdly, there is a Stone which is partly Metallick, and partly Mineral, made of ♁, ☿, and ☉, whereof *Arteſius*, *Flamel*, *Pontanus*, *Zaichair*, and others have written. Fourthly, There is a Vegetable Stone. Fifthly, The Animal Stone. We ſhall treat of all theſe Stones, under the name of the ▽ of Paradiſe, or the Hermetick Eagle, or Virgins Milk.

Water of Paradiſe of Common ☿, *or* Hermes *his Eagle, of the Terreſtrial and Cæleſtial* ☿.

SUblime ☿ three or four times with Salt, Nitre, and Vitriol; then diſſolve it in *A. F.* and digeſt, then by diſtillations and cohobations, unite the Salts Armoniac of the *A. F.* to which (to have it more Powerful) you may put an eighth part of ✳: Diſtill and cohobate ſo often, till the ☿ comes to be like Wax, and that it diſſolveth eaſily *in humido*. Then diſſolve this matter *per deliquium*, that it may attract the ▽ which is contained in the Air: Put this Liquor into a ſmall Cucurbite, joyn its Head and Recipient, and digeſt with very gentle △ with a Lamp. Nothing will come over during fifteen days, but afterwards, there will come over an Æthereal Liquor, which is the ▽ of Paradiſe: Two drops of this ▽ put into ℥iv, of *S. V.* is an excellent Medicine againſt the Pox, for it is the Planet ☿. The Doſe is one ſpoonful. The Phyſical Stone is made of this Virginal, or Aſtral Milk, to wit, diſtill its flegm, in a ſmall Cucurbite, with the ſame Lamp △, and the Gluten or Mineral Gum will remain in the bottom; of which by digeſtion is made the Phyſical or Medicinal Stone. But note, that if you add ☉, the Operation is ſooner accompliſhed. Note alſo, that if you caſt one drop of this ▽ of Paradiſe upon a thin Plate of ♀, or of ♂, it will penetrate and whiten it through and through, before it is fermented with ☉. Note alſo, that that which remaineth after the diſtillation, will ſerve alſo. If you would then make a Stone, different from that which is made with the Virginal Milk only, proceed thus: After you have diſtilled the ▽ of Paradiſe, diſtill over with a gentle △ in

Aſhes what remaineth, and you ſhall have a white Oyl; then force over the remaining part in a Retort, and you ſhall have a red Oyl; caſt away the remaining feces. Take one part of the red Oyl, and four parts of the white Oyl, and eight parts of the ▽ of Paradiſe, put them into a Matraſs, and digeſt them in an *Athanor* until all the colours appear one after another, and that the Gluten be fixed into white. If then you augment the △, it will become a red Medicine, of which you may make Projection thus: Take an hundred parts of ☿, heat it in a Crucible, and caſt upon it one part of this fixt Medicine, and all will be a Medicine; whereof caſt one part upon another hundred parts of ☿, ſtirring it with a ſtick; then melt them together. Caſt one part of this Medicine upon an hundred parts of ☿, and all will be converted into ☽ or ☉, according to the Tincture. In this manner, all Metals and Minerals may be reduced into Tinctures by their ▽ of Paradiſe, *&c.* Note, That this Work may be done alſo with ☿ diſſolved in *A. F.* and Precipitated with Spirit of Salt; the Calx dryed and united with Calx of ♃ and ♂, and thence the Volatile Cryſtals, or Butter extracted, wherewith you may proceed as was ſaid: Or, Or, you may make alſo a ▽ of Paradiſe, made with ♃ *per deliquium.*

The Antimonial ▽ *of Paradiſe, or the Hermetick Cœleſtial Eagle with two Heads.*

Extract a Butter from equal parts of ☿ and ♀ Sublimate: Diſſolve this Butter in the Air in ♈, ♉, and ♊; put the Liquor into a Glaſs Cucurbite with its Head and Recipient, lute well all the junctures; excite the *Archæus* which is in him, by a very gentle heat in Aſhes, by a Lamp △, which will maturate the Matter in the ſpace of fifteen or twenty days: Then drive up its Rays into the Head, which will be ſeen corporal in the Recipient in the form of a clear ▽. This ▽ is all fiery, and is the Cœleſtial Eagle with two Heads. Put it into a Cucurbite, and deflegm it with the ſame Lamp △, and there will remain in the bottom of the Cucurbite the Mineral Gluten, or the viſcous ▽, which doth not wet ones hands. You may prepare Medicines of this Cœleſtial Æthereal ▽ thus: Put two drops of it into ℥iv. of *S.V.* it will turn as white as Milk. *This Medicine Cureth the Dropſie, the Epilepſie, Madneſs,* &c. The Doſe is from ʒij. to ℥ß. Now, if you would have the Powder of Projection, you muſt digeſt the Gluten

ten *per ſe*, as was ſaid; or (which is better) add a tenth part of ☉ in leaf, and digeſt, or draw the red and white Oyl, and proceed as in the former Proceſs, and you ſhall have a Medicine both for Man, and for Metals.

Water of Paradiſe of Venus *and* Mars, *or* ♀ *and* ♂ *Captivated, whence cometh* Cupid, *or the Solar Panacea.*

ALthough theſe Metals cannot take the *Mercurial* ▽, nor give Volatile Cryſtals, as ☽, ♃, and ♄ do, becauſe they are very *Mercurial*, and the former almoſt all Sulphurous, nevertheleſs you may do it thus: Diſſolve ♀ and ♂ (each by it ſelf) in the Salt *Androgine*, which hath but little Sulphur, to the end, that it may diſſolve more eaſily: Then make a *Lixivium*, which Precipitate with your Liquor of ♄; dry the Precipitated Calx, and ſprinkle it with a good deal of Spirit of Salt; then mix it with ♁, and diſtill Volatile Cryſtals thereof; with which proceed as before. The ▽ of Paradiſe is made of ♀ only, and is called ▽, or ♀ his *aſtrum*.

It Cures the Pox, Gout, *&c.* The Gluten of theſe Metals is digeſted either *per ſe*, or with a Solar Ferment, as before, into a *Panacea*, which is a wonderful Medicine, and will Cure Maladies in Men and Metals.

The thrice Noble Water of Paradiſe, or Apollo Medens.

Diſtill the fiery and Volatile Cryſtals from ☿ of ☽, with Calx of *Jupiter*, which keep. Diſſolve ☉ in Spirit of Salt, which joyn with equal parts of your Cryſtals; digeſt, and then diſtill, the Spirit of Salt will come over immediately firſt, then will follow the red Cryſtals: Expoſe this Terreſtrial ☉ to the Cœleſtial, that it may ſatisfie it ſelf with its Solary Rays, and then diſſolve it ſelf into a Liquor, which will be a Magnet and an *Amaranth* Æthereal and Immortal. Put this Solary and *Lunary* Liquor into a Glaſs Cucurbite, and diſtill with a Lamp 🜂 this Noble, Metalline, Radical moiſture, thoſe inviſible Rays of the ☉, or this 🜄 of Paradiſe, during fourty or fifty days. This 🜄 is 🜄 of Nature, an Excellent Attractive, and its Power is ineffable. *This* 🜄 *drives out all Maladies, and comforts* Nature, *and is a* Royal *Medicine; for 'tis the* aſtrum *of the* ☉, *or a* ☉ *between the Terreſtrial and Cœleſtial* ☉. Of this is *Apollo furens*; for its Rays, or its 🜄 killeth ☿, which they convert into true ☉, as alſo all other Metals. In this Liquor you may diſſolve ☉ if you will, but it will not be neceſſary; for when it is freed of its flegm, the Solary Gluten remains, which you may digeſt *per ſe*, until it acquire a purple colour. Thus ☉ is exalted to make a Tincture. The ▽ of Paradiſe is the Æthereal *Aurum potabile*; diſſolve two drops thereof in ℥iv. of *S.V.* the Doſe is ʒij. This is the ▽ of Nature, which is multiplyed *ad infinitum* by new addition of the Gluten, *&c.* Note, That when this *Panacea* is fixed, it is the *Panacea* of *Panacea's*, which Cureth Maladies, both in Men and Metals.

Note, That this ▽ of Paradiſe converts all Metals into ☉, if you digeſt their Plates in the ſame; yea, one drop thereof penetrates a Plate of ☽, and tranſmuteth it into moſt fine ☉. There is alſo made another *Apollo Medens*, which is joyned with *Spirituous Regulus* of ♁, to wit, the Flowers reduced, or fiery *Regulus*, and conjoyned in the Sulphurous *Sal Enixe*, and both Precipitated into an Aureal Antimonial *Panacea*. But this *Panacea* is not comparable to the other. *Apollo furens* is the ſame ▽ of Paradiſe, the which are the inviſible Solary Rays, by which the Volatility of ☿ is killed, and is converted into ☉; and the ſame it is with the Solary ▽. *Apollo Moriens* is the Eclipſe of the ☉

in the above-mentioned fiery and Æthereal *Menſtruums*: For in all ſorts of *Menſtruums* it putrifies, groweth black, and maturates in the ſpace of fifteen days: But after that, it reſuſcitates before the Judge *Apollo reſuſcitans*.

An unheard-of Arcanum, *or new and unheard of Lunary, wherewith is made the Elixir, or Metalline Stone.*

DIſſolve what quantity of ☽ you pleaſe in the *Sal Androgine*; in four hours time half your ☽ will be diſſolved into a very red Salt, pour it into a veſſel of Copper, then make a *Lixivium*, which filter, reduce into a body what remaineth with ♄, and re-diſſolve it in new *Sal Androgine* as before. Reiterate this, till all your ☽ go through the filter with the *Lixivium*, and you will be ſure to have a ☽ altogether Spirituous and Volatile, which you will find to be true to your loſs, if you Precipitate it with an Acid Liquor, and reduce it with ♄; for it will all fly away at the Coppel; the ſame will happen if it be attracted by Plates of ♀. *Theſe two effects have happened to me by inadvertence.*

Note, That this Spirituous ☽ is a Potential and Spirituous ☉, as you will find, if you rejoyn it with its body at the Coppel: There is nothing to ſay to that. Note, That the corporal ☽ which is added, retains all what is of the Nature of ☉, which renders it afterward in the ſeparating ▽. Therefore, take all theſe filtred Solutions (which are yellow if the Lavers be made with Odor of Metals) and Precipitate them totally into a Lunary Sulphur of a Golden colour, adding a ſufficient quantity of that which Precipitates it: That which Precipitates it is of our invention, and is of the *Saturnian* Juice, which ſwims upon the ♀ of ♄, when its Solution is repercuted by the Salt ▽. Dry this Lunary Golden Precipitate gently, and mix it with *ana* of Calx of ♃, made *per ſe* in the ▽, or if you will, you may draw the Butter or fiery Cryſtals with *ana* of ♁; the Cryſtals are reſolved *per ſe* in the Air. And with this unheard-of Magnet are Miraculouſly attracted the Influences of the Stars, or the ▽ of Nature. This is chiefly done in the belly of ♈; that is to ſay, in the Month of *April* and *May*. Note here a very great Secret, which is, that there is no flegm attracted by this Magnet, but onely the pure Nutriment of Life, or the fiery vital Viand which is hidden in the centre of the Air; which you will find true, if you put ſome wateriſh part into this Liquor; for you ſhall ſee that it will not mix with it in any wiſe, but will ſwim upon it in an heterogene form, as Milk: You muſt further ſeparate this Liquor, which is the ſimple Lunary, in which ☉ is eaſily diſſolved: For from this corporal Lunary you muſt have a Spiritual and unheard-of Lunary. Put then this Liquor in a Glaſs Cucurbite with its Head and Recipient, and digeſt in Aſhes with a very gentle heat by a Lamp the ſpace of one Philoſophical Month. Nothing will diſtill over during the firſt fifteen days, or more; but it will become a red Sea, and the Matter will maturate; and after that, you ſhall ſee that by this gentle heat the Metalline Soul will mount inviſibly upon the wings of the Wind, or the Spirit of the World, and will fall into the Recipient in the form of Tears, which are the Tears of *Diana*. This Liquor is much more precious than pure ☉, and of very great vertue. Continue the diſſolution, whilſt the *Archæus* of Nature chaſeth it, which is done in fifteen days at the fartheſt. In this Operation is done, what *Hermes* ſaith, thou ſhalt ſeparate, the ſubtil from the Spirit gently, and with great dexterity. This diſtillation is altogether Natural, and is perfected by the only *Archæus* of Nature. *This Liquor is the Spiritual Lunary, which contains in it ſelf Body, Spirit,* *and Soul; 'tis the ▽ of Paradiſe, the Lunar Sphere, the Metalline Fountain, and the Univerſal Metalline Menſtruum. It is a moſt certain anti-epileptick and Cephalick:* If one or two drops of it are mixt with ℥iv. of *S.V.* all will become like Milk. For it is all △; which changes the moiſt Element of the *S.V.* as being contrary to it, or at leaſt not connatural.

To make the Metalline Stone per ſe *of this Spiritual Lunary.*

TAke this Liquor, and put it into a ſmall Glaſs Cucurbite; leave it uncovered, evaporate it in Aſhes with a gentle Lamp △, to the end, that if there be any moiſture from the Air, it may exhale, and there will remain in the bottom of the Cucurbite the Metalline Gum, the Lunary Gluten, the Azot, *&c.* which will liquifie at the leaſt heat, as Butter, and will congeal by cold. Put this Gum into a Matraſs, which Seal Hermetically, and digeſt *per ſe*, it will become black, and after white, and then it is the white Stone; then by increaſing the △, it will become of a Citrine colour, and red, without a Solary Ferment: And the King is made of the Queen, or the immerſion of ☽ into a Solary Tincture. But for to ſhorten the Work, add unto this Gluten a tenth part of ☉ in leaf, or Sulphur of ☉ made Spiritual by the Sulphurous *Sal Enixe*, and digeſt as was ſaid: The augmentation of this Stone is by addition of new Metalline Gluten. Note, That this Spiritual Lunary tingeth ☿ into true ☽, if you digeſt it therein; alſo a Plate of ♀ is perforated by putting one drop of this ▽ upon it. Note alſo, That when you have diſtilled the Lunary, that which remaineth is an eternal Magnet. To that effect, reſolve it again in the Air, and manage it by a Lamp as before. Then diſtill an Æthereal Liquor, which is yet impregnated with a Lunary Soul, and diſtilleth into the Recipient, and then goeth anew into a Gluten: And this is done *ad infinitum.* Note alſo, That that which remains, may be diſtilled, and you ſhall have firſt, a white Lunary Oyl (which is the Philoſophers Oyl of Talc; for the true Oyl of Talc is the Lunary coagulated *per ſe*, and fixed into a white Stone, which is fixt and ſoft.) Secondly, you ſhall have the red Oyl by augmenting the △. If you will make the Stone of theſe Matters, take of the red Oyl one part, and of the white Oyl four parts, and eight parts of the Lunary reduced into Gluten: Put this into a Matraſs, and digeſt until all be fixed into white, and after by continuing become red. This Medicine ought not to be Fermented; for it is the true Metalline Soul, reduced into a Tincture. This laſt digeſtion muſt be in an *Athanor* with a Charcoal △.

Hartman.) *Theſe Waters of Paradiſe and Glutens,* &c. *were given to Sir* K. *(about eight or nine Months before he died) by a* French *Gentleman, a great Scholar.*

Monſieur Barkly's *fixation of Common Sulphur, and the Tincture thereof, which is an Excellent Medicine in all affects of the Breaſt and Lungs.*

TAke Flowers of Sulphur, or Sulphur pulverized very ſubtil; put it into a Matraſs, and pour upon it ſo much Spirit of Sulphur *per Campanam,* as may cover it the breadth of three fingers. Lute the Matraſs well, and put it in digeſtion for fifteen days, or three weeks, or ſo long until the Flowers of Sulphur come to be very black: Then diſtill off all the Spirit of Sulphur to dryneſs; break the Matraſs, and take out the Sulphur, which pulverize again, and put it into another Matraſs, and pour upon it the Spirit of Sulphur you diſtilled off, and diſtill as before to dryneſs. Repeat this twice more; which maketh three cohobations in all without the firſt diſtillation. Then take your black and fixt Sulphur, and reduce it to a very ſubtil Powder, and put it to reverberate in a Glaſs Oven the ſpace of a fortnight or three weeks, it will change its blackneſs into white, and after yellow, and at laſt come to be of a reddiſh brown colour. The Tincture of this red fixt Sulphur, is extracted with Spirit of Salt well rectified.

He made thus his Spirit of Salt for this: Take Salt ℔j. diſſolve it in five quarts of fair ▽, and filter it; put it into a Cucurbite, and pour upon it by little and little ℔j. of good Oyl of Vitriol, and joyn the Head and Recipient; when it is all in, it will begin preſently to diſtill over cold: Set it in Sand, and with moderate heat drive over as much as will riſe, which rectifie from the flegm: There will remain in the bottom of the Cucurbite a wonderful Salt, that is exceeding fuſible.

After he had extracted the Tincture, he diſtilled away all the Spirit of Salt, till the Tincture was dry: Of this he gave three grains for a Doſe, and found it a great Diaphoretick, but it was ſomewhat rough and ſharp in the Stomach: Whereupon he dulcified it by ſeveral ablutions in fair ▽; then gave the ſame Doſe, and it wrought excellently well in all Colds of the Breaſt and Lungs.

Hartman.) *This Relation is of Sir* K. Digby.

The Counteſs of Kents *Powder, as it was prepared by Sir* Kenelm Digby's *Order in his Operatory.*

TAke ℥iv. of the black ends of the ſhares of Crabs, the Sun being in the Sign of *Cancer*, Crabs-eyes, fine Pearls and Corals prepared, of each ℥j. yellow Amber ℥ß. Roots of *Contrayerva*, *Virginian* Snake-root, *ana* ʒvj. Oriental *Bezoar* ʒiij. of the Bones that are found in the hearts of Stags ℈iv. Reduce all into a ſubtil Powder; moiſten the Crabs Claws and Crabs-eyes, and the Powders of Pearls and Corals with a little juice of Lemons, to make them ferment a little: Then the next day mix all well together, adding ʒj. of Tincture of Saffron, and pour upon the Maſs (when you incorporate it) three or four ſpoonfuls of Spirit of Honey, or inſtead thereof you may take Jelly of Hartshorn, and Jelly of the Skins of Vipers dryed in the ſhadow. Then add to this Compoſition ℥j. of *Trochiſque* of Vipers; grind it all well together to make it well incorporate: Then make it up into Balls, and let them dry, and keep them for Uſe.

This Powder is a most Excellent Remedy in all Epidemical Diſtempers, all Malignant, Spotted, and Purple Fevers; to drive out the Small-pox and Meaſles. It is Sudorifick, and reſiſts all Corruption, and is admirable in a Surfeit. It drives the Venom from the heart, and hinders the Vapours to fly up into the Head and Brain. It drives out by tranſpiration all bad Humours, corroborates and ſtrengthens Nature. The Doſe is from ſix to twenty, or twenty five grains. In an extremity of the Plague, one may take from thirty to fourty grains.

Hartman.) *Sir* K. D. *had this Powder always ready by him in his Cloſet; and I remember that many Perſons of Quality ſent to him for ſome of it when any of their Children had the Small-pox or Meaſles; and never any did miſcarry of all thoſe that took it. It is alſo Excellent againſt the biting of Mad Dogs, ſtinging of Vipers, and other Venemous Beaſts.*

A very Efficacious Remedy againſt the Epilepſie, or Falling-Sickneſs, wherewith Sir Kenelm Digby *Cured a Miniſters Son, named Mr.* Lichtenſtein, *at* Francfort *in* Germany, *in the Year* 1659. *to which I was an Eye-Witneſs.*

TAke of the Skull of a Man that died of a violent Death, of the parings of nails of Man, *ana* ʒij. Reduce this to a ſubtil Powder, and grind it upon a Marble ſtone; then take Polypody of the Oak very dry, ʒij. Miſletoe of the Oak, gathered in the Wain of the Moon, ℥ß. Miſletoe of the Haſle-tree, Miſtoe of the Tile-tree, of each ʒij. Piony-root ℥ß. Reduce all into a ſubtil Powder: Then take ℥vj. of Sugar, boyl it to the conſiſtence of Roſe-Sugar; then mix all the Powders with it, and ſtir them well together over the fire that they may well incorporate together: Then take it from the fire, and make it up into little Tablets of about a Dram apiece; whereof give one in the Morning faſting, and two or three hours after Dinner, and another two hours after Supper: Continue this whilſt the Tablets laſt.

Another for the ſame.

SIR *Kenelm Digby* Relates, that in the Year 1663. the Lady *Warwick* told him, that a Daughter of her Husbands elder Brother had the Falling-Sickneſs in the greateſt Extremity, ſo that ſhe fell like a log ſeven or eight times a day without any motion. They had put her into the hands of the ableſt Phyſitians in *England*, who in effect could do her no good. A Gentleman, one of their Neighbours, undertook to Cure her, and performed the Cure thus: Take true Miſletoe of the Oak, the Leaves, the Berries, and all the tender Branches; dry it gently in an Oven after the Bread is drawn; then reduce it to a fine Powder, of which give as much as will lye upon a ſhilling for one of ripe years; for middle aged, a ſixpence, for a Child, a groat. Give it Mornings and Evenings in Cowſlip-water three days before, and three days after the Full of the Moon. Repeat this Remedy for ſome Months together. This Cured alſo my Lord *Herberts* Son, and many other Perſons of Quality. The beſt time to gather the Miſletoe of the Oak, is in the Month of *September*, when it bears Berries, and in the Waning of the Moon.

The Preparation of the Silver Pills againſt the Dropſie, as they were prepared by Sir Kenelm Digby's *Order in his Operatory.*

TAke refined ☽ ℥j. diſſolve it in ℥iij. of the beſt Spirit of Nitre in a Matraſs, then evaporate away all the Spirit of Nitre to dryneſs in a low Cucurbite, or in ſome other fit Veſſel; then diſſolve the matter in a ſufficient quantity of Roſe-water, filter the diſſolution through gray Paper, and evaporate it again to the conſiſtence of a dry Salt as before. Then take ℥ij. of fine Salt-petre, diſſolve it in Roſe-water, filter the diſſolution, and evaporate it in a large wide Veſſel of Glaſs, to the conſiſtence of a Salt. Then mix the ☽ and this Salt together, and put them in a large Glaſs, pouring upon them ſo much Roſe-water as will diſſolve them into a greeniſh Liquor: Then evaporate it in Sand to the conſiſtence of a white Salt; then take it out of the Sand, and being quite cold, put it into a Glaſs or Marble Mortar, and put to it ℥ij. of fine Wheat-flower; grind them well together, then add ſo much Roſe-water as will make it a Maſs fit for Pills: Then make it up into Pills of the bigneſs of Peaſe, put them between two Papers, and let them dry in the ſhadow, and they will be of a Purple colour; keep them in a wooden Box.

Directions for the Uſe of theſe Silver Pills.

THey are a Specifick againſt the Dropſie, the Patient is to take one of them at ſix or ſeven of the Clock in the Morning, taking ſome Broath about two hours after it with eight or ten drops of Spirit of Salt in it. Their Operation is by Stools, and by Urine; you muſt continue it until the Cure be perfected. Note, That if the Patient be weak, he muſt take the Pill but once in two days, and in all Broaths and Drink, he ought to take ſome Doſe of Spirit of Salt, as is ſaid above. If there be need of Sweating, you muſt uſe ſome dry Stoves, and give him always of the following Salts: Take Salt of Urine, Salt of Worm-wood, *ana* ʒij. add half a Scruple of Oyl of Amber, and as much of Spirit of Urine, with ʒij. of fine Sugar; mix all well together in a Glaſs or Stone Mortar, whereof give ℈iv. for a Doſe in half a Glaſs of White-wine when the Patient is Sweating in the dry Stove, and not in a Bath of Water: And every third day you muſt repeat this Remedy, and he will be

Cured within three days. The evacuation is by abundance of Sweat and Urine.

Hartman.) *I cannot omit to relate here a Story, which I have often heard Sir* Kepelm Digby *tell concerning a Famous Cure of a deſperate Dropſie, done by* Dr. Farrar *upon an eminent Lord, who was over-grown with the Dropſie, his Belly and Stomach ſwelled to a Prodigious bigneſs, and was given over by the ableſt Phyſicians as incurable. Sir* K. D. *made the bargain between the Lord and the* Doctor, *who was to have five hundred pounds for the Cure: But when the Lord was Cured, he would give the Doctor no more than three hundred pounds, ſaying, that five hundred pounds was too much money, and that all the Ingredients he uſed could not ſtand him in twenty ſhillings.* The Remedies were thus: Having firſt well purged the Patient with ſome fit Purge (as of *Jallap, Manna, Sena*) to carry away watry humours, he gave him the following Broth. A moderate Broth was made of Mutton, Chickens, and Capon, or Hen, but not Veal; the Broth was not ſtrong of the Meat, nor too weak, but ſuch as the Patient might drink all the day, for he was to drink no other Liquor; they made but about a pottle of Broth at a time, for it would not keep: And for this quantity they took a Gallon of Water, into which the Doctor put above a handful of Garlick, and Roſemary, Penyroyal, Thyme, Sweet-marjoram, Fennel-roots, Parſley-roots, as alſo Currans, and a ſufficient quantity of Salt. And after ſome days taking the Broth, they put into every draught of the Broth (the Patient took) above a ſpoonful of the crude juice of Garlick, ſtamped and preſſed out. But if you cannot bear always to drink this Broth, then uſe the following Decoction: Take *Sarſaparilla* ℥xij. *China*-roots ℥v. *Saſſafras* ℥iij. Cut all theſe very ſmall, and pour upon them Spring-water, to three fingers breadth above the Ingredients, and let them infuſe over a ſoft fire the ſpace of four hours; then throw away this Water, and ſtamp the Ingredients in a Stone Mortar with a wooden Peſtle: Then pour upon them ten quarts of Fountain-water, and boyl it in a Veſſel cloſe ſtopped, till four quarts of it be conſumed: Of this Decoction let the Patient drink, without any other drink but the Garlick Broth.

Another Drink.

TAke all the aforeſaid Ingredients, in the ſame manner prepared and ſtamped: Then take a clean Veſſel, and fill it with Beer, then put the Ingredients in a bag, and hang it in the Beer; ℥j. of the Ingredients is ſufficient for a quart of Beer. Either of theſe Drinks is only in caſe the Patient cannot bear the uſe of the Garlick Broth, which alone will diſpatch the Cure much the ſooner; and this courſe of the Garlick Broth is for all Obſtructions, and ſuperfluity of Cold, raw Humours, clogging the Brain, or any other part, as well as for the Dropſie. To ſtrengthen and ſecure the Liver, uſe the following Electuary. Take of Powder of Turmerick a ſufficient quantity, make an Electuary of it with Sugar, and to every Ounce of it add three drops of Oyl of Aniſeed, made by diſtillation; and if you put a little *Amber-greaſe* to it, it will be the more ſtrengthening. Take of this Electuary two or three times a day the quantity of a Haſle-nut; take not above ℥j. in a day.

Beſides this, to ſtrengthen the Stomach, uſe the following Stomacher: Take Wormwood, Marjoram, Roſemary, Rue, *ana* one handful; Cloves, Cinamon, Mace, *ana* ℥j. bruiſe theſe Spices, and mix them with the Herbs; of theſe make a Stomacher, and apply it: And you may likewiſe anoint your Stomach, and region of the Liver with Oyl of Nutmegs and Oyl of Roſes.

I heard Sir *K. D.* ſay, that after twelve or thirteen days, the Patient begun to Piſs in great abundance, and ſo ſtinking, noiſom, roping matter, that the Nurſe which emptied the Pots, was hardly able to endure the ſtink and noiſomneſs of it. And he continued the diet till he was perfectly Cured.

Another Experimented Remedy for the Dropſie, whereby ſeveral Perſons have been Cured, as I have been aſſured.

TAke the Root of Heath, ſcrape off the firſt Bark, which throw away, then peel off the next rind, and fill a Glaſs or a Bottle with it looſely, then fill it up with White-wine, and let it ſtand to infuſe over Night, and the next Morning drink half a pint of Wine; and ſo continue until you are Cured.

Another Excellent Remedy againſt the Dropſie.

TAke Spiritual Oyl of Salt, mix with it ſo much flowers of Sulphur, that it become like Pap, which diſtill in a Retort in Sand, and you ſhall have a Liquor as white as Milk, which is Excellent againſt the Dropſie.

The

The Copy of a Letter from Abbot Boucaud *from* Paris *to Sir* K. D. *wherein he relates in what manner he Cured himſelf of the Stone, and of a Quartan Ague.*

SIR,

I Do not tell you that I have been Sick, (and that I am ſo ſtill) to Excuſe my ſelf for having ſo long deferred an Anſwer unto your laſt two Letters, *&c.* It is true nevertheleſs, for I have laboured under divers Diſtempers; but among the reſt, I have been ill of the Stone, and have had a Quartan Ague: I believe you will not be ſorry to hear how I Cured my ſelf of both without the help of any Phyſician. For the Stone I took twelve grains of the Salt made of the Stones which were taken out of Men; I diſſolved the ſaid Salt in a little water, and then I put all into a Glaſs of Whitewine, and drank it off, and walked about my Chamber near two hours, at the end whereof I had a great need to make water, and I voided (with violence) a large Glaſs full of Gravel, which was ſo groſs, and ſo rugged, that it cauſed me to void near a Pint of Blood; the ſame thing happened to me three times, and every time I voided Blood, which made me judge that I ſhould have taken leſs of the ſaid Salt; yet I took it but once, but I felt a great pain and heavineſs in my Reins and Kidneys. The ſaid Stones were Calcined in a Potters Oven, and after they were Calcined, I extracted the Salt out of them with diſtilled Rain-water: The feces I Calcined again, and extracted the Salt as before, which I repeated ſo often, till the ſaid Stones yielded no more Salt. Note, That to make this Salt for a Man, you muſt take the ſtones taken out of Men, and for a Woman, thoſe that are taken out of Women. And thus was the firſt Cure performed.

As for the Quartan Ague, without having been Purged, or let Blood, at the fourth fit I took a Glaſs-full of the water of green Wall-nuts, which I had diſtilled in their laſt Seaſon: I took it as ſoon as I perceived the leaſt ſymptom of the Fits approaching; I went to Bed, and cauſed my ſelf to be well covered, and ſlept, and had no Fit at all that time, nor ever after.

The Water I diſtilled thus: I took green Wall-nuts and beat them in a ſtone Mortar, then in a Cucurbite in *B. M.* I diſtilled the water from them, which I cohobated twice upon freſh Wall-nuts. Then having Calcined the three Marcs or *Caput Mortuums*, I extracted the Salt out of the Aſhes; this Salt I put into the diſtilled water. I thus, Sir, I have given you Account how I went to work.

A Proceſs, how to make a moſt Excellent Oyl of Sulphur in abundance; ſent alſo by the ſaid Abbot Boucaud *to Sir* K.

TAke an Earthen Pan of Stone-ware, in the midſt thereof lay a piece of Brick, upon which ſet an Earthen Poringer full of Sulphur groſly beaten; then put fair water into your Pan, but not ſo much as to touch the ſaid Poringer: Then kindle the Sulphur, and cover it with a Bell, ſo that the Bell touch the water, and that the fumes may not come out, but may condenſe and run down into the water, which afterwards muſt be ſeparated in *B.* with a moderate heat. To ſet the Sulphur on fire, you may put into it a ſquare or round piece of Iron made red-hot in the fire.

Hartman.) *In my Opinion, if the Bell touch the Water, and that it hath no hole at the top, ſo that the Sulphur have no Air, it will not burn; I judge the beſt way to be thus: Let the Poringer ſtand in the Water, but not ſo deep, as that the Water bear it up, and make it float; if it ſtands half way in the Water, it will do, for the weight of the Sulphur will keep it down, and the heat of the*

Poringer

Paringer will beat the Water, and the Vapours and ſteams thereof will mix with the fumes of the Sulphur, and make them condenſe the better, and ſo diſtill down together into the Water. The Bell ſhould be ſuch a one as is now in uſe, with a long neck, and a hole at the top, which ſhould not touch the Water nor the Pan, but it ſhould be ſuſpended in ſuch manner, that there be ſome diſtance between the brim of the Bell and the ſides of the Pan.

A ſubtil Volatil Water from Sulphur, which will Diſſolve ☉.

I AM told by one who hath done it, that when you go to Sublime Flowers of Sulphur, if you give very gentle and moderate fire, and be very attentive, there will come over firſt, before any Flowers Sublime, a little very Volatile, but altogether inſipid Water, which he ſaith, will diſſolve ☉: It is much more Volatile than any *S.V.* A Glaſs full of it will preſently vaniſh away, if you hold the Glaſs unſtopped upon your hand, by the warmth of it.

Hartman.) *This Relation is of Sir* K.

If you would ſave this Water, you muſt have a Glaſs head upon your laſt Subliming-pot, or a Ludel, wherein you Sublime your

Flowers of Sulphur, and inſtead of a Veſſel without a bottom, as that for the Flowers of Antimony, you muſt have one with a bottom, and without a hole on the ſide to put in your Sulphur, and then two Aludels beſides the ſaid Veſſel, and the Glaſs-head will be ſufficient for ſubliming the Flowers of Sulphur.

By means of the Glaſs-head you ſave alſo the Vinegar of ♁ in ſubliming the Flowers, which I have done ſeveral times; but I uſed not above three Aludels one upon another, beſides the Glaſs-head.

An Excellent Eſſence of Sulphur for the Breaſt, and for the Lungs.

TAke Sulphur one part, brown Sugar-candy two parts; pulverize them, and mix them well together, then put it into a Retort of ſuch a bigneſs, that two third parts thereof may remain empty. Then diſtill in ſand, giving very gentle fire at firſt; you will have a whitiſh Liquor, which keep for uſe.

Hartman.) *This was given me by a Phyſician at* Paris, *who told me, that a Catarrh falling upon his Lungs, which obſtructed his Lungs, cauſing in him a great Fever, he Cured himſelf with this Eſſence, taking this, thirty* *or fourty drops of it in ſome Broth. He told me alſo, that it was of great effect in Aſthma, Phthiſick, old and inveterated Coughs,* &c.

An Excellent Elixir of Sulphur.

TAke Juice of Licoriſe, Confection of Alkermes, Roots of Elecampane, *ana* ʒvj. *Alipta moſcata* ʒiv. Myrrh, Saffron, *ana* ℥jß. Maſtick, Benjamin, Cardamoms the leſs, Cinnamon, *ana* ℥j. Sugar-candy ℥ij. Powder what is to be Powdered, then mix them together, and add rectified *S. V.* ſo much as to make it into a Paſte; then put it into a Circulatory Veſſel, and pour upon it ſo much Spirit of Sulphur, as may cover it the breadth of four fingers: Digeſt it fourty days, then decant the Tincture, and pour upon the remaining Matter freſh *S. V.* to extract another Tincture. Then mix theſe two Tinctures together, and keep them for Uſe.

This Tincture is a very great Pectoral, and a Precious Remedy in all affects of the Breaſt and Lungs. It is Excellent againſt Catarrhs, old and inveterate Coughs, the Phthiſick, Aſthma's; it cheriſhes and comforts the Heart, and is good againſt fainting and ſwooning Fits, preſerves from Putrefaction; it is *Anodyne, Cephalick, Analeptick, Alexipharmack*;

pharmack; and, as the Author ſaith, preſerves Health, prolongs Life, and keeps back gray Hairs, by ſtrengthening Natural heat. It is to be taken in ſome Pectoral water or Syrup; the Doſe is ſo much as renders the Vehicle of a grateful acidity.

Lac Sulphuris.

TAke of Sulphur in Powder on part, and of Quick-lime two parts, mix them, and put them into an Iron Pot, and pour thereon a good quantity of fair water, let it boyl until three parts of the water be conſumed, and that the Liquor be as red as Blood by the diſſolution of the Sulphur; then ſtrain it whilſt it is hot, and let the ſtrained Liquor ſtand to cool: Then Precipitate with Vinegar, then let it ſettle, and having poured off the clear, edulcorate the reſidue ten or twelve times with warm water, the laſt time with Roſe-water; then dry it gently, and keep it for Uſe.

It is a true Remedy in all affects of the Breaſt and Lungs; it is given with great ſucceſs to thoſe that are troubled with Catarrhs, Rheum in the Head, Aſthma, Phthiſick, Coughs, *&c.* It promotes expectoration; it hinders the defluxion to the Joynts, it prevents and diſperſes the windineſs of the Stomach and Bowels, and Cureth the Cholick. The Doſe is ſo much as may change the Vehicle white; the beſt and fitteſt Vehicle is the Spirit of *Lignum Caſſiæ*, or Cinnamon; taking it twice a day, in the Morning faſting, and at Night.

You may make a very good Spirit of *Lignum Caſſiæ* thus, which is a much finer Spirit than that of Cinnamon, and much better for this uſe. Take *Lignum Caſſiæ* ℥iv. bruiſe it well, then pour upon it three quarts of *Malaga* Sack, ſtop the Veſſel cloſe, and let it ſtand to digeſt for three or four days, then diſtill it in a Limbeck, or in a Glaſs Cucurbite, diſtilling it off all together, as long as it cometh with vigour, and you ſhall have about three pints and a half of very good Spirit: Thus I make it. But if you will have it richer of the Wood, put this Liquor upon freſh *Caſſia*, and digeſt and diſtill as before. Repeat this till it be as ſtrong as you deſire. You may if you pleaſe ſeparate the runnings ſo as to have ſome of ſuch ſtrength as you wiſh.

A great

A great Diaphoretick of Antimony.

TAke good Antimony Mineral in ſubtil Powder ℔j. mix it with ℔ß. of ☿ Sublimate; put this mixture preſently into a Retort, leave the Retort for ſome time unſtopped before you diſtill it, for then you ſhall have more Butter than if you diſtill it preſently. Then diſtill a Butter from it according to Art, giving ſtrong fire at laſt, ſo that the bottom of the Retort may be red-hot; part of it will come over in Butter, and part will Sublime in Cinaber, very hard; if you leave this Butter for ſome time expoſed to the Air before you rectifie it, you ſhall have more Liquor than if you diſtill it preſently; rectifie this Butter, then melt it again, and pour it into a clean Retort, and pour upon it by little and little good Spirit of Nitre, continue pouring on the Spirit of Nitre until the Ebullition ceaſeth: Then diſtill it with a gentle fire in Sand, giving ſtrong fire at laſt, ſo that the bottom of the Retort may be red-hot; then let it cool, break the Retort, and take out your Matter, which will be very ſpungy, and of a yellowiſh colour; pulverize and edulcorate it ſeveral times with warm water, then dry it gently; reverberate it for an hour between two Crucibles well luted together: Then grind it again to a ſubtil Powder, which put into an Earthen Poringer, and pour upon it rectified *S.V.* that will burn all away; fire it, and whilſt it burneth, ſtir it continually with a ſilver ſpoon; the *S.V.* being burned away, the Powder will remain dry; grind this Powder again, and mix it with ʒvij. of Antimony *Diaphoretick* that hath been Calcined three times with Nitre, grind them well together, and put them into a Retort, and pour upon them ℥iij ß. of good Spirit of Nitre; put the Retort in Sand, and let it ſtand thus four and twenty hours; then diſtill with a gentle fire to dryneſs: Break the Retort, and take out the Matter, which grind and edulcorate with *Carduus-water* warmed, then ſpread it upon gray Paper, and let it dry of it ſelf: Then grind it to an impalpable Powder, which put into a Poringer, and pour upon it *S.V.* ſo much as may cover it a fingers breadth; let it ſtand thus for five or ſix hours, then fire the *S.V.* upon it, and ſtir it continually with a ſilver ſpoon whilſt it burneth, then grind it again, and put it into a Viol, ſtop it cloſe, and keep it for Uſe.

The manner of uſing this Medicine is thus: Take fifteen grains of it for three Mornings together, mixing with it ſome

Conſerves or Sweatmeats, and take it upon the point of a Knife, then drink a Glaſsfull of the Sudorifick Decoction after it warm. Then take twenty grains for three Mornings more; then fifteen grains again for three Mornings more. It is an Excellent Remedy to Cure the Gout, Dropſie, Palſie, the Venereal Diſeaſe, the Evil, Leproſie; it purifieth the whole Maſs of Blood, and is good in all Scorbutick Diſtempers. Note, That before you uſe this Medicine, you muſt prepare the Body before with ſome fit Purge, according to the Conſtitution of the Patient.

Thoſe that are careful to preſerve their Health, and to keep it in good ſtate, may take this Powder in the Spring, at the falling of the Leaf, having firſt Purged once or twice; then take the Powder with the Sudorifick Decoction for Nine days together, as was ſaid, mixing the Powder with a dram of Confection of Alkermes. It powerfully reſiſteth all Corruption, dryeth up all ſuperfluous moiſture in the Body, and is a true concretive of Blood.

The Sudorifick Decoction.

TAke *Lignum Guaiacum* ℥iv. *Salſaparilla, Saſſafras, ana* ℥j. infuſe them in three quarts of Fountain-water for twenty four hours; then let it boyl gently for three hours.

A moſt Excellent Medicine againſt all ſorts of Agues and Fevers, &c.

TAke of the Starr'd Martial *Regulus* of Antimony ℔j. *Mercury* Precipitate ℔jß. pulverize and mix them well together, then put them in a Retort, and diſtill in Sand as you do Butter of ♁; then rectifie this Oyl or Butter once or twice, caſting away the Feces: Then put it into a new Retort, and pour upon it Spirit of Metheglin; diſtill and cohobate four or five times to make the Oyl ſweet, then pour *S. V.* upon it, and abſtract it to the conſiſtence of an Oyl. *This is a Precious Remedy for the Cure of many Diſeaſes: It is of great Power and Efficacy to Cure all ſorts of Agues, Quotidians, Tertians, and chiefly Quartans. It Operates by a gentle Vomit in ſome Perſons, and in others it gently Purges without Vomiting, and in ſome it gently Operates both ways: It hath vertue* *to eradicate totally both Root and Seed of the Diſtemper. The Doſe is from ſix to twelve drops, in ſome fit Vehicle.*

Note, That having ſeparated the Spirit of Metheglin, if you acuate it with Spirit of Vitriol, it is a great *Diaphoretick*, far beyond all others. Doſe is from half to one whole ſpoonful in ſome fit Vehicle.

A Precious Oyl of Antimony.

TAke Antimony Calcined, as for making the Glaſs of ♁, ℔ij. ℥xij. Sugar ℔j. Mix them well together, and put them in a Retort: Diſtill in ſand, firſt, will come a flegm, and afterwards a pure dark-red Oyl, which keep for Uſe.

This is an admirable Remedy againſt the Stone and Gravel, the Dropſie, Epilepſie, Aſthma, Quartan Agues, and all ſorts of Fevers, the Plague, and all Malignant Fevers, and Epidemical Diſtempers, and Leproſie; and being outwardly applyed, it cureth, healeth, and dryeth up all inveterate Wounds and Ulcers. The Doſe is four drops in Wine twice a day.

A moſt

A moſt Excellent Panacea *of the true Sulphur of Antimony.*

TAke Lees of Wine, which you may have of the Wine-Coopers when they have preſſed them out, break them into ſmall pieces, let them dry, then burn them to Aſhes: Take of theſe Aſhes, of Quick-lime, and Nitre, *ana*; make a *Lixivium* thereof with warm water, then filter it: Then take Cinaber of Antimony, which is found in the neck of the Retort when one maketh the Butter of Antimony; pulverize it, and boyl it in the afore-ſaid *Lixivium* for the ſpace of four hours; pour off the *Lixivium* from the Quick-ſilver into another Veſſel, which lean on the ſide, that the red Sulphur may ſettle; then edulcorate it with hot water, and dry it gently; ſo have you the true Sulphur of Antimony. Take of this Sulphur, and of *Regulus* of Antimony, *ana* ℥j. Oyl of Sulphur *per Campanam*, or rectified Oyl of Vitriol ℥iij. Mix all well together, and put it into a ſmall Retort, digeſt it in Horſe-dung, or if you will, in ſome other gentle heat for eight or ten days. Then diſtill it, and cohobate the diſtilled Liquor upon the mark three or four times; then increaſe the fire to the higheſt degree, which continue for twelve hours, to force all over, and the Matter will be fixt; then break the Retort, and take out the Matter, which pulverize, and edulcorate it with Roſe-water; then dry it gently upon a gray Paper, then reverberate it for four or five hours. Then take ℥j. of this Powder, and of Salt of red Coral ℥ij. grind them well together to a very ſubtil Powder.

This is an Univerſal Medicine to Purifie the whole Maſs of Blood, and to root out ſuch Diſtempers as proceed from the corruption thereof, and are Curable by ſweat. It Cureth all ſtubborn, Malign, and Chronick Diſeaſes: It Cureth the Venereal Diſeaſe, the moſt inveterate; the Leproſie, the Evil, the Scurvy, the Plague, and all Epidemical Diſeaſes. The Doſe is from ten to thirty grains.

The Order of uſing this Medicine is thus: Firſt, Purge the Patient once or twice with fit Purges, then reſt three days, then Purge again; then begin with ten grains of the Powder, which continue for three times, mix the Powder with ſome fit Conſerve, and give it upon the point of a Knife, in the Morning in his Bed, drinking a Glaſs-full of a Sudorifick decoction after it, made hot; let him keep his Bed for an hour or two, then let him be rubbed with warm Clothes, and the ſweat being quite over, let him riſe, and eat of good wholeſom Food, forbearing to eat of Salt Meats, Salt-fiſh, Sallet, Milk, Butter, or Cheeſe, or raw Fruit. Then for three Mornings more give him twenty grains, and then thirty grains for three Mornings more; then come again to twenty grains for three Mornings more.

A great Febrifuge.

TAke Mineral Antimony very clean, that hath never been melted, ℥vj. and as much Salt-petre, pulverize them finely, and mix them well together; then put them into a ſtrong Crucible, which cover with another Crucible that hath a little hole in the bottom as big as a Pea; Then put this Crucible into your Furnace, and let the fire kindle of it ſelf, which increaſe by degrees, the Matter will fulminate; when you ſee that no more ſmoak cometh out of the little hole of the Crucible, take it out of the fire, and take out the Matter that remained in the Crucible, which pulverize very finely. Then take three Ducats of Gold, and ſix times as much in weight of the afore-ſaid Powder; melt the Powder firſt in a Crucible, then put into it one of the Ducats, ſtirring it until it be melted, then put in another Ducat; and ſo continue until you have put in all your Ducats one after another: When all is melted and well incorporated, let it ſtand in good fuſion for half an hour, then take it out, and let it cool: Then break the Crucible, and take out the Matter, which pulverize ſubtily, and mix it with equal weight of ☿ Sublimate, alſo in fine Powder; put them into a Retort well luted, put it into a Furnace, and fit a Recipient to it full of Water, ſo that the noſe of the Retort may enter into the water; leave the junctures unluted: Give a gentle fire at firſt, which augment by degrees; part of the Matter will diſtill into the Water, but the greateſt part thereof will ſtick to the neck of the Retort, which you may draw out with an Iron hook into a baſon full of Water: When you ſee that nothing more cometh over by the laſt degree of fire, let it cool; then break the Retort, and take out all the Matter that is Sublimed about the neck of the Retort, and put it into the Water in the Recipient, as alſo that in the Baſon; let the Water ſtand to ſettle, then decant it, and keep it. It is Excellent to Cure all ſorts of old and inveterate Ulcers, *&c.* Pour freſh hot water upon the reſidue, and having ſhaken it well together, let it ſettle; then decant, and put on more Water. Repeat theſe ſolutions ſeven or eight times;

then ſeparate the ☿ from it with a Quill, and put the Powder into freſh hot-water; let it ſtand thus until the next day, then repeat the Edulcorations as before, which continue for ſix days, then edulcorate the laſt time with cold Water; then dry the ſaid Powder, and keep it for uſe. The Doſe is one or two grains for Children; and for Perſons of riper Years, from four to ſix or ſeven, according to their ſtrength and Conſtitution, putting the Powder over-night to infuſe in two or three Ounces of White-wine; the next Morning ſtrain the Wine, and let the Patient drink it, and half an hour after he may drink ſome warm Broth or Poſſet: It may alſo be given in ſubſtance. It Operates by a gentle Vomit, and by Stools. It hath been Experimented, and found very ſucceſsful and effectual in the Cure of all Intermittent Fevers, and in the Gout, as alſo in the Venereal Diſeaſe. Out of the *Caput Mortuum* you may reduce the greateſt part of the Gold.

This is a *Mercurius Vitæ* of a ſingular preparation; it is not white like the common, but of a browniſh gray colour. It appears by this to have ſome of the ☿ in it, that when you rub Gold or Copper with the Powder, it will make it white, which common *Mercurius vitæ* will not do.

Another

Another great Febrifuge, which is ſaid to be Riverius *his Febrifuge.*

TAke ☉, diſſolve it in *A.R.* and Glaſs of Antimony, diſſolved in *A. F.* *ana* ℥ß. ☿ waſhed and purified ℥iij. diſſolve it in *A.F.* Then mix the three diſſolutions together, and put them into a Cucurbite, and diſtill in Sand, and cohobate the diſtilled Liquor eleven times upon the remaining Matter, which are twelve diſtillations; then pour upon the remaining Matter rectified *S. V.* Cohobate and abſtract it ſix times from the Matter; then take it out and grind it, and that it may be the better fixed, Calcine it in a Crucible in a Circulary fire, until it be almoſt glowing-hot. The *Doſe* of this Powder is gr. vj. with gr. xij. of *Scammony*: Let the Patient take it in the Morning, the day before the Fit.

Another Febrifuge.

TAke Cinaber of Antimony ℥j. common Salt decrepitated ʒij. pulverize them, and mix them together; put them into a Glaſs Cucurbite, and pour upon them Oyl of Sulphur ℥iij. digeſt it for two days in a moderate heat in Aſhes; then augment the fire to evaporate away the humidity, then having edulcorated the remaining Maſs, reduce it into Powder, which mix with ℥iij. of Flowers of Sulphur; put this into an earthen Poringer, which put upon burning coals; let it kindle, and ſtir it continually with an Iron Spatula, until all the Flowers of Sulphur be burned away: Then pour upon the remaining Matter ſo much *S.V.* as may cover it the breadth of two fingers, then burn away the *S. V.* then reduce it to Powder, and keep it for Uſe.

This Powder is much recommended to Cure all ſorts of Agues and Intermitting Fevers, giving it half an hour before the Fit, from ten to fifteen or twenty grains, in ſome Syrup or Cordial-water, taking ſome Broth two hours after it; but the Patient ſhould be Purged firſt, and let Blood before the uſe of this Powder; and if the firſt and ſecond doſe do not carry away the Fit, it muſt be repeated a third time.

Another Febrifuge, which is thought to be Riverius *his true Febrifuge.*

TAke of *Mercury dulcis* twelve times Sublimed ℥jß. *Mercurius vitæ* corrected as followeth, ℥ß. mix them together. The correction of *Mercurius vitæ* is thus:

Take of ☿ *vitæ*, put it into a ſmall Cucurbite, ſet it in Sand in a moderate heat, let it ſtand until it begin to grow red; then pour upon it rectified Spirit of Wine, which abſtract, and pour on freſh *S.V.* Repeat this three times, and you ſhall have a ☿ *vitæ* which will not Operate upwards, but only downwards. This ☿ *vitæ* is to be uſed for delicate Perſons, but for ſtrong and robuſt Perſons you may uſe the Common ☿ *vitæ*.

This Powder finding the Humours diſpoſed, will Operate both upwards and downwards if you employ the Common ☿ *vitæ*; but if you employ the Corrected, as was ſaid, it will Operate only downwards. And as this Febrifuge contains in it a reaſonable Doſe of ☿ *vitæ*, the ☿ *dulcis* thus prepared, working for his part upon the bad Humours, and ſerving alſo for a Corrective to the ☿ *vitæ*, one ought to expect good effects of it.

Riverius gave this Febrifuge to Perſons of all Ages and Sexes, in the Morning the day before the Fit. One may give ſix grains of it to little Children in the pap of a roaſted Apple, or in ſome Sweat-meats, and ſo increaſe the Doſe proportionably, according to the Age and ſtrength of the Patient, to twenty grains to Adults, and even to twenty

Four to thoſe that are of a ſtrong Conſtitution.

Hartman.) *Theſe Febrifuges were given me by a Friend, a* German; *and I thought it fit to inſert them here: But whilſt they were Printing, I found them in Mr.* Charras *his* French *Diſpenſatory, which juſt at that time came to my hand.*

A Certain and Experimented Remedy to Cure the Convulſion Fits in little Children; as alſo for the Epilepſie, the Cholick, and for the Spleen, &c.

TAke Verdigreaſe, and diſtill a Spirit thereof, which rectifie once by it ſelf, and it will leave ſome feces and Metalline terreſtreity behind: Then take one part of this Spirit, and three parts of fair water, put it upon Lithargy finely ſearſed, as much as it will diſſolve: Deflegm it in *Balneo*, and then diſtill it in Sand, and there will come over a pure and powerful Spirit without Acrimony; it will taſte a little ſweetiſh, as in the making of *Sacharum Saturni.*

It is Excellent for the Convulſion of little Children, being given in ſome fit Vehicle, a drop or two for Sucking Infants; but to Men you may give ten or twenty drops.

Sigillum

Sigillum Hermetis, *Or, a great and Experimented Medicine, which hath done great Effects in the Cure of all ſorts of Agues and Fevers. It was given to Sir* Kenelm Digby *by an able* Phyſician, *who had done Wonderful Cures with it.*

TAke ☽ ʒvj. diſſolve it in the beſt *A. F.* you can get, uſing no more *A. F.* than is neceſſary for the Solution (which will be about ℥jß. *i.e.* two parts to one) when you ſee that it is all perfectly diſſolved (without fire) caſt into the Matraſs an *ããã*, made (after the ordinary manner of Goldſmiths) of ʒj. of pure ☉, and ℥ij. of ☿; you will preſently ſee a *pelagus conturbationis* made. Let the Matraſs ſtand ſtill upon a Table, or in ſome corner, till you find the Matter at that paſs as you deſire: you will ſee many beautiful colours appear. After fourty days ſtanding, you will ſee a kind of roughneſs appear upon the ſuperficies of the ☿, which will daily grow and ſprout out more. In twenty days more (ſixty in all) it will be ſhot out into little ſpears or needles and twigs. When you ſee that it groweth or ſhooteth out no more, pour off all the Liquor, and the *Mercurial* Matter will ſoon dry of it ſelf. Then with ſome little pieces of Glaſs break off theſe Excreſcencies or Needles from the Maſs, (whereof you may have about ʒj. or more) and grind them to Powder, which will be very white.

Of this Powder give twenty four grains, or more (according to the Complexion) in a Cherry, or yolk of an Egg, in the Morning very early, or at Night going to Bed, or rather after the firſt ſleep at three or four in the Morning, and in this laſt caſe ſleep after it. It is ſeven or eight hours before it uſeth to work.

Sometimes the firſt Doſe will not work at all, otherwiſe than by ſtrengthening, and then the Author giveth a ſecond Doſe two or three days after, which will work either by Stool or Vomit, or Sweat, as Nature ſhall require, and in due proportion.

It Cureth Quartans and other Agues, and worketh admirably in all deſperate Diſeaſes. He uſeth to take it once a Month himſelf. When there is no peccant Humour in the Body, it worketh not by evacuation, but ſtrengtheneth. The ☿ incloſeth and ſhutteth up the Metals, like a Roſe of *Jericho*, from whence he calleth it *Sigillum Hermetis*. The part of the Needles next the Maſs worketh rougher than the ends. Out of the Maſs you may draw moſt of the Gold and Silver, with loſs of about an eighth part of the firſt, and leſs proportion of the laſt. He thinks this to be a Philoſophical ☿, and to be uſeful in the great Work.

A Mercurial *Liquor with* Jupiter.

TAke ℔j. of *Jupiter*, melt it in a Crucible, then pour into it ℔j. of ☿ revived from Cinaber, and made hot, make an *ȧȧȧ* of it, which waſh with warm water, wherein you have diſſolved a little Salt; waſh it ſo often, till you have waſhed away all the blackneſs of it, and the *ȧȧȧ* will be as white as ſnow: Then dry it, and grind it in a Marble or Stone Mortar with ℔ij. of Corroſive Sublimate; then ſpread it upon a large diſh of Glaſs, which ſet ſhelving in a Cellar, putting ſomething under it to receive the Liquor that will run from it, you will find at laſt the Salts reſolved into a Liquor, in which will be alſo the ☿, which will be revived; ſeparate the Liquor from the ☿, and keep the ☿ for another uſe: Put the Liquor into a Cucurbite, and evaporate the ſuperfluous moiſture of it in *B. M.* with a gentle heat: Then digeſt it for fifteen days more in the ſame *B.* with a very gentle heat; then pour this Liquor into a Retort, which put in Sand, and fit a Recipient to it; then diſtill by graduated fire, giving ſtrong fire at laſt of the fourth degree; you ſhall have a Liquor like an Oyl.

This Liquor is much eſteemed to Cure the Cancer, Wolf, Fiſtulaes, and all ſorts of old, inveterate, Malign, and gnawing Ulcers, being applyed outwardly.

Monſieur C. *his Lunary Emetick and Febrifuge*, &c.

DIſſolve ☽ in *A. F.* then Precipitate it with Spirit of Salt, then dry the Calx.

Take of this Calx, and of ♁, *ana*, diſtill it as a Butter of ♁, you ſhall have a Butter white and tranſparent, which will diſſolve ☉. If you will make an Emetick of this Butter, Precipitate one part of it with fair water, then edulcorate with Blood-warm water, and you will have an Emetick Remedy, which will Purge.

It Cures all ſorts of Agues and Fevers, and is a *Catholicum* for ill Humours. The Doſe is from one grain to three, in ſome fit thing in the Morning faſting. It muſt be given with great Caution.

To make a moſt Excellent Sudorifick of the aforeſaid Butter, that will Cure the Leproſie, and the Venereal Diſeaſe, proceed thus:

TAke the other part of this Butter, and put it into a Retort, and pour upon it Spirit of Nitre; diſtill and cohobate three or four times; then edulcorate it with fair water, and dry it; then burn Spirit of Wine upon it, and you ſhall have a Sudorifick, which will do admirable effects, taking from eight grains to ſixteen, in the Morning in Bed; drink ſome fit decoction after it: And after the Sweating, the Patient muſt be rubbed with warm Clothes all over his whole Body, obſerving a reaſonable Diet, and uſing ſome fit Purge before.

An Oyl of ☉, wherewith Monſieur Belieur, *a Famous Chirurgeon at* Paris, *Cured Cancers, all old Ulcers, Cankers, and Venereal Sores, &c.*

TAke Spirit of Salt two parts, Spirit of Nitre one part; in this diſſolve as much ☉ as it will diſſolve: Diſtill off very gently the Liquor in *B. M.* until the ☉ remain in a Cryſtalline Gum or Salt; then let it reſolve to Liquor in the Air by it ſelf: Then diſtill again, and reſolve. Repeat this till it congeal no more in the Cucurbite, but remain a deep-red Liquor, like an Oyl. The manner of uſing this Oyl is thus: Dip a Straw or a Feather in it, and touch all round about the borders of the Sore with it.

With this he Cured a very Malignant Ulcer in a Leg (that had been there above three Years) in the ſpace of ten days; and alſo a Cancer in a Womans Cheek in fifteen days ſpace, that other Chirurgeons (without hope of Cure) had given over. With this he alſo Cured a Woman (that had ſeventeen Cankers in her private parts, that had been ſo ſome Years, and without hope of Cure) in fifteen days.

Doctor Havervelt *his Remedy, wherewith he Cured the Evil or Scrofulaes, Cancers, and Old Ulcers.*

TAke *Dantzick* Vitriol, Calcine it till it be yellow, then grind it with Salt or Salt-petre, the ordinary proportion: With this Sublime ☿, which Sublime once again by it ſelf; then take only the Cryſtalline part of it, whereof take ℥j. grind it to a ſubtil Powder in a Glaſs Mortar, with a Glaſs Peſtle; put this Powder into a large Glaſs-bottle, and pour upon it a quart of

Fountain-water, ſtop the Bottle cloſe, and let it ſtand thus for ſome days, ſhaking it often: Then being well ſettled and ſtood without ſhaking at leaſt twenty four hours, pour off the clear, and filter it. Then take one ſpoonful of this Liquor, which put into a Vial, and pour into it two ſpoonfuls of fair Fountain-water: Shake the Vial well, then pour it out into a Glaſs, and let the Patient drink it in the Morning faſting; let him keep himſelf very warm, and ſtir and walk as much as he can; but let him neither eat nor drink till two hours after the Medicine hath Operated. It will Operate by Stools, and by a gentle Vomit. The next Morning, if the Patient find himſelf ſtrong enough, let him take the ſaid Medicine again, if not, he may reſt a day or two between.

With this Remedy the Author abovementioned Cured all ſorts of Scrofula's, whether open or ſhut; the Cancer or Wolf, whether in the Breaſt, or any other part of the Body; as alſo all ſorts of Puſtula's and Old Ulcers and Wounds.

The ſaid Doctor Communicated this Remedy to Sir K. D.

Another

Another for the ſame.

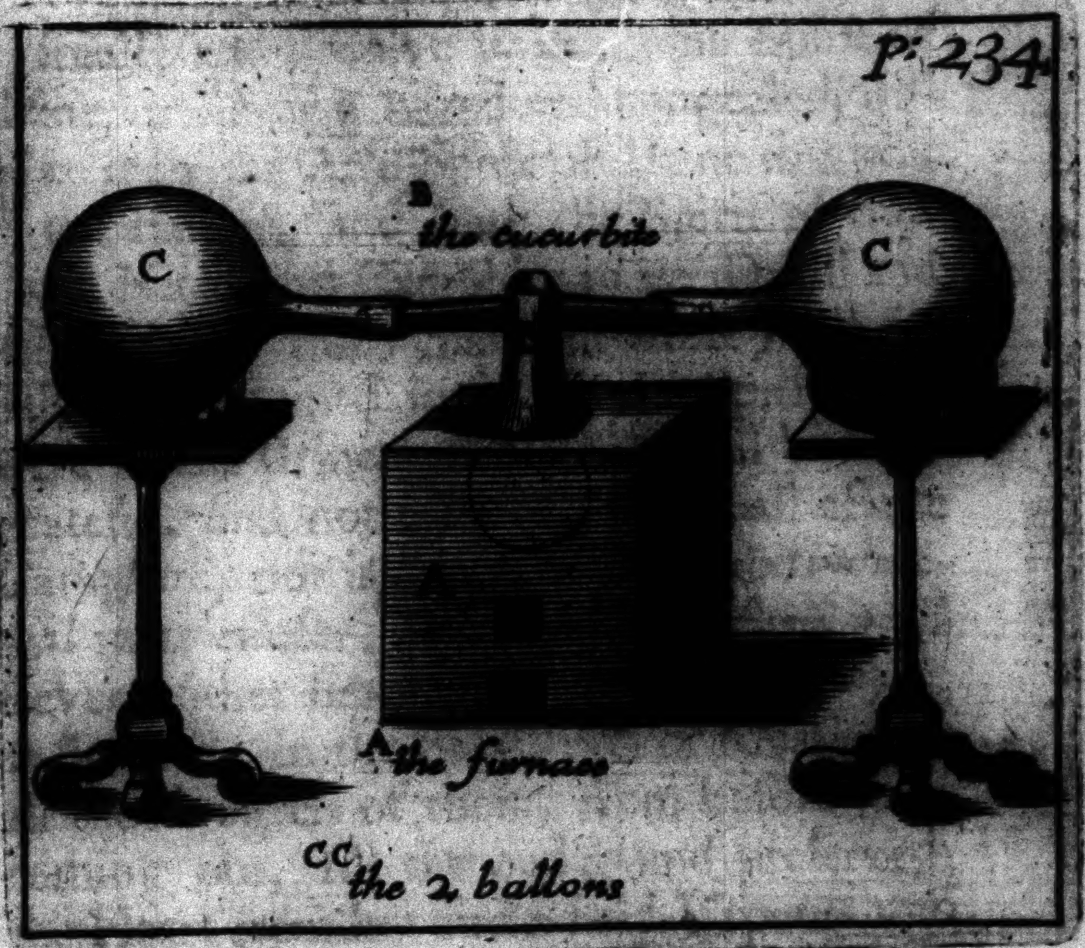
SIR *Kenelm* relates, that Dr. *Farrar* aſſured him, he had perfectly Cured a moſt contumacious, foul, inveterate Evil (ſeveral times touched by the King, and wrought upon by the beſt Chirurgeons, and given over as deſperate) by the following means:

Take Garden-Snails, that have white or gray Houſes upon them, beat them in a Mortar with a little Parſley, into the conſiſtence of a Plaiſter, which apply to the Sore or Sores, and change it every twenty four hours.

This is alſo good to take away the raging pain of the Gout.

A moſt Excellent Phyſical Salt, as it was prepared in Sir Kenelm's *Laboratory.*

TAke Nitre, Sulphur, *ana* ℔j. Camphire ℥ij. mingle them well together, and caſt them by little and little into an earthen Cucurbite red-hote, which ſhut cloſe immediately with a juſt ſtopper of Brick that cloſeth it firmly; the Cucurbite muſt have two arms, unto which are faſtened two Ballons of Glaſs (as you ſee by the Figure in the


P: 234
B the cucurbite
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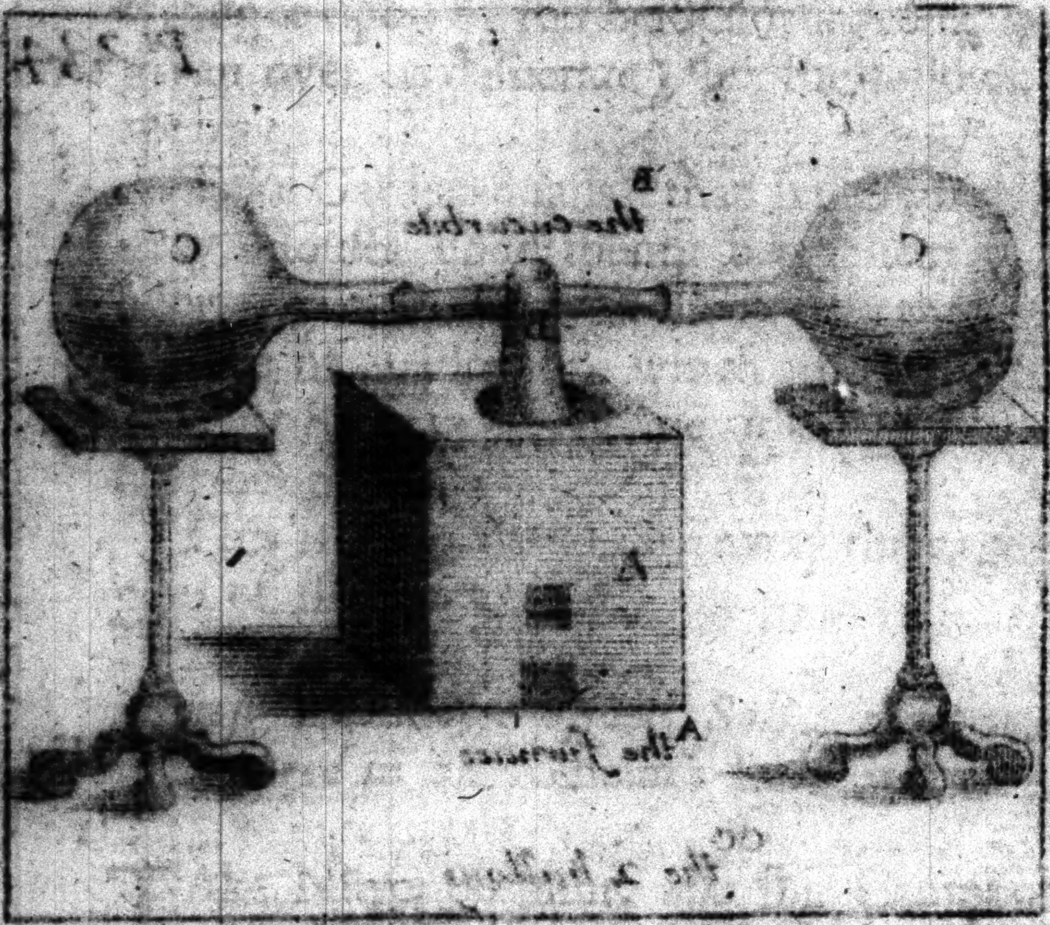
A the furnace
CC the 2 ballons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the next page) each Ballon containing about two quarts of Spirit of Urine (to the quantity of Ingredients here named) which attracts unto it the Spirits, which will aſcend and paſs by the two Arms on each ſide: When all is cold, take out the fixt Matter that remaineth in the Cucurbite, and grind it ſmall, and diſſolve it in ſimple Spirit of Urine, and being filtred and congealed, diſſolve it in the Acid Spirit of Urine that was in the Ballons, and hath the Spirit of Sulphur, Nitre, and Camphire in it: Diſtill and cohobate this (in a Glaſs Cucurbite) till the Salt have retained in it all the Spirits that were in the Urine. This Salt will be very grateful, and not taſte or ſmell at all of the Camphire, nor is *Saturnine*, or *Anti-venereal* in its effect. It is very efficacious in all Fevers, either ſimple or Malignant any ways, or Spotted: In the Small-Pox or Meaſles, in all the Progreſs of them, from before their coming out, till the end; and preſerveth the Heart from hot and putrid Vapours and Fumes, and purifieth the Blood.

The

The beſt way to make the Spirit of Urine is thus:

LET the Urine ſtand eight or ten days, in which time it will putrifie and ferment; then diſtill very gently, and that which cometh firſt is the Spirit. When it beginneth to come weak and inſipid (which you will know by taſting a drop) then ceaſe, for all that is good is come over. Thus you ſhall have near half your quantity of Urine in good Spirit.

Sir Kenelm Digby's *Excellent Remedy for Tetters, Herps, and Ring-worms, Scabby Itches, &c. as it was prepared by his Directions for his own uſe for a Tetter.*

DIſſolve ℥ij. of running ☿ in ℥iv. of the beſt *A. F.* pour upon the Solution a quart of fair water, in which is diſſolved two handfuls of Salt, and then filtred; this will Precipitate the ☿ to the bottom in a white Calx. When it is well ſettled, pour off the clear water, which keep for Uſe. Pour the remaining milky thick ſubſtance upon ℔j. of Hogs-greaſe melted in an earthen Pot; the greaſe muſt be very hot when you pour in the diſſolved ☿; but take the Pot from the fire when you pour the ☿ to it, and ſtir it well all the while you are pouring it in; and when it is all in, ſet the Pot upon the fire again to boil the greaſe, till all the moiſture of the *Mercurial* Subſtance and Solution is evaporated away, but be ſure you ſtir it all the while, as alſo after you take it from the fire (which you muſt do as ſoon as the moiſture is gone) till the greaſe is cold and hardened.

The way of uſing this Oyntment and Water, to Cure all ſorts of Tetters, Herps, or any Scabby Itches, or Inflamed red Faces or Noſes, is thus:

Firſt, if the Evil be very great, Purge and let Blood ſtrongly; then begin with the Water, rub the Tetters, and all about it with Linnen dipped in the Water made as hot as you can endure it; and when you have rubbed and bathed it well, lay upon it Compreſſes wetted in the water. Do thus twice a day for two or three days, or more, till you ſee it hath drawn out the Salt Humour abundantly, and that the part is much inflamed, and very ſore, and hath little holes or Ulcers eaten in it. Preſently after the firſt waſhing it will grow very ſore and Inflamed; therefore you muſt not afterwards rub it ſo hard as at firſt, but very gently. Some Sores will require that you uſe the Water five or ſix days, others more, tender ones two or three days. When you judge that the Water hath drawn out ſufficiently the violent Matter, then anoint with the greaſe as hot as you can endure it, and lay on it a Plaiſter of the ſame Oyntment, binding it on. This Oyntment will preſently aſſwage the pain, and take away the Inflammation. Dreſs it with it twice or thrice a day. Much Matter will run from the Sore, as from an Ulcer; and by little and little it will heal up. And that which is wonderful is, that whereas one would think that ſuch deep holes as the Water will have eaten, ſhould have ſcars, there will not appear the leaſt mark of them, but a fine new tender Natural skin will come over it all.

A great Medicine, wherewith Wonderful Cures have been performed to my knowledge.

TAke Bezoar Mineral well prepared, and Antimony Diaphoretick alſo well prepared, *ana* ℥j. grind them together to a ſubtil Powder, and put them into a ſmall Retort, and pour upon them ℥iv. of good Spirit of Nitre; diſtill in Sand with a moderate fire to dryneſs, then cohobate and diſtill twice, which are three diſtillations in all with the Spirit of Nitre upon the Matter. Then pour freſh Spirit of Nitre upon it, and diſtill and cohobate as before. Repeat this a third time with freſh Spirit of Nitre, the ſame quantity as before, which are nine diſtillations (in all) with ℥xij. of Spirit of Nitre: Then break the Retort, and take out the Matter, which grind to Powder, and edulcorate it well with warm *Carduus*-water; then dry it gently, and put it into a Poringer, and burn rectified *S. V.* upon it, ſtirring it all the while the *S.V.* burneth, with a Silver ſpoon, untill the *S.V.* be burned all away, and the Powder remain dry. Then pour freſh *S.V.* upon it, and fire it as before: Repeat this a third time, then grind the Powder, and keep it in a Vial cloſe ſtopped.

This Powder Cureth the Venereal Diſeaſe the moſt inveterate, with all its Symptoms and attendencies without exception, and reſtoreth loſt ſtrength and vigour, as Experience teſtifieth. It Cureth all Rheumatiſms, the Leproſie, all interior and exterior Ulcers; it purifieth the whole Maſs of Blood, and wonderfully fortifieth Nature, *&c.*

The way of uſing this Powder to Cure the above-mentioned Diſeaſes is thus:

Firſt, Purge with ſome fit gentle Purgative Potion; then, if the Diſeaſe requireth, you may let Blood the next day, then two days after that repeat the Purge, and two days after you may begin with the Powder; taking gr. viij. of it for five Mornings together, the Powder being mixt with a little Conſerve of Roſes, let the Patient take it upon the point of a Knife in the Morning in his Bed, and drink after it immediately a Glaſs-full of the following Decoction as hot as he can drink it; let him keep his Bed, and he will be in a gentle breathing Sweat for an hour; which being paſt, let him be rubbed with warm Clothes, his Legs, Thighs, Arms, Shoulders, and the Back; then let him keep his Bed for an hour longer, to ſee if he will ſweat any more: The ſweat being quite over, he may riſe, and go about his buſineſs, as at other times. After thoſe five days the Doſe of the Powder muſt be increaſed, taking twelve grains of it for other five Mornings; and then you muſt come again to eight grains for five Mornings more. When you begin with the twelve grains after the firſt five Doſes, you muſt drink a little more of the Sudorifick Decoction than before, and taking the Powder then in a little Confection of Alkermes. You may alſo increaſe the Doſe of the Powder by degrees (as Sir *K.D.* obſerves) taking (for example) gr.x. the ſixth day, and gr. xij. the other three days following; then gr. x. the tenth day, and ſo come again to gr. viij. the eleventh day. One may take gr. xx. of it at one time without inconveniency. The firſt Purge the Author giveth, is a Decoction of Succory and Tamarinds, with infuſion of two Drams of *Sena*, and being ſtrained, diſſolveth in it ℥j. of Syrup of Peach-flowers. The Second is the ſame, adding only of Confection of Hamech, or of Confection of Citron; or you may increaſe a little the Doſe of *Sena*, and of the Sytup, if one is not willing to take any thing where there is *Scammony* in. The Sudorifick Decoction the Author maketh uſe of with this Powder, is thus:

Take *Sarſaparilla* ℥ij. *China-root* ℥j. *Saſſafras* ℥ß. *Santal Citrine* ʒij. and a little Licoriſe if you will, and a little Cinnamon for to aromatiſe it; let all be infuſed with three quarts of water for twelve hours in warm Sand; then let it boyl gently until a third part is conſumed, then ſtrain it.

Note, That if you put a little Salt of Tartar into the water when you put the Ingredients in, it will extract the Vertue and Tincture out of them much the better; as alſo in making any Purgative Decoction, if you infuſe them over-night with a little Salt of Tartar put in the water, and then boyling it only two or three walms the next Morning, it will be much more effectual.

Lapis ignis, *for the renovation of Mankind, by the three Principles of* Nature, Salt, Sulphur, *and* Mercury.

TAke ♁ Mineral, pulverize it, and Calcine it in a cloſe Reverberatory, with ſufficient, but moderate heat, ſo that it melt not, in twenty four hours it will be Calcined, and will be a gray Powder. T*ake* of this ♁ Calcined, and of raw ♁ Mineral, *ana* ℔j. melt them together in a Crucible; when they are well melted and incorporated, pour it out into a Copper or Braſs Kettle, and it will be Glaſs of ♁, which needeth not to be clear. If you did not add the ♁ Mineral, the Calcined ♁ would not melt. Pulverize this Glaſs, and grind it upon a Marble ſtone till it be an impalpable Powder, which put into a Vial, and pour upon it diſtilled Vinegar alcaliſed with its fixt Salt, digeſt in Sand; when you ſee the diſtilled Vinegar coloured of a Golden colour, decant the clear, and put freſh diſtilled Vinegar upon the Glaſs, and digeſt as before. Repeat this till you have extracted all the Tincture out of the Glaſs: Then filter the Tincted diſtilled Vinegar, and put it into a Retort; diſtill with a gentle fire in Sand until you ſee there remain a Liquor like a deep-red Oyl in the bottom of the Retort, and that you ſee ſome drops appear in the neck of the Retort, which is a ſign that all the diſtilled Vinegar is come over. Pour upon this Oyl Tartariſed *S. V.* digeſt and circulate for three or four days, or more: Then draw off the *S. V.* gently in *B.* and as ſoon as you ſee any red drops appear, change the Recipient, putting on another; then diſtill over all the remaining red Oyl to dryneſs. This Oyl will be very red, and very precious, and is the true Oyl and Sulphur of Antimony, which is a wonderful Medicine againſt the Plague, and all Diſeaſes.

To make the Salt of Antimony.

CAlcine ♁ in a Glaſs Oven, or in a Reverberatory, until it be perfectly white, without any addition; then ſprinkle it with Dew, and dry it in the Sun; ſprinkle and dry it ſeven or eight times, then grind it to Powder: Take of this Powder three parts, and one of Powder of Charcoal; mix them together, and put them into a Crucible, which ſet in a Wind-furnace, and give fire by degrees, at laſt ſtrong fire to make all melt well; then take out the Crucible, and knock it againſt the ground to make the *Regulus* fall to the bottom; break the Crucible being cold, and ſeparate the Salt, which you will find between the *Regulus* and the *Scories.* So ſoon as you perceive that the Matter is melted, you muſt be quick in making the *Regulus*, and take the Crucible out as ſoon as you can, for fear the Salt ſhould evaporate in the fire.

To make the ☿ of ♉ for this Work.

CAlcine ♉ in a cloſe Reverberatory until it be gray, then Sublime it in an Earthen Veſſel; grind again what is Sublimed, and Sublime it as before. Repeat this Operation three times, or until you ſee the ♉ Sublimed hard and ponderous, wherein is incloſed all the ☿ of ♉.

Compoſition of the ſaid Salt, Sulphur, and Mercury.

TAke of the ſaid Salt ℥j, diſſolve it in as much of the Oyl as will diſſolve it, and as much as the ſaid Salt will imbibe, ſo that it be like an Oyntment or Paſte; digeſt *in fimo equino* for ten days; Then take it out, and add ℥iß of the ſaid ☿ of ♉; and being well mixt and incorporated together, put it to digeſt as before, until it be converted into a red Powder. *The way of taking this red Powder is thus:*

Take gr. iv. of this Powder in a little Canary Sack in the Morning faſting in your Bed, it will cauſe a gentle breathing ſweat for three days together, during which time you muſt keep your Bed; your Chamber muſt be very warm and cloſe, you may eat and drink moderately of good wholſome Food. The three days being paſt, you may riſe, and walk about your Chamber, taking good nouriſhing Food, abſtaining from all Labours in Body and Mind; and thus you will renew Hair and Skin; and will be ſtrong and vigorous.

It will not be needful to uſe this Remedy but once in fourty Years; but you may uſe of the ſaid Oyl, taking three drops of it in a little Sack in the Morning faſting, for the Preſervation of your Health. This Oyl may be given in all Diſtempers with great ſucceſs.

This is from Abbot Boucaud.

The Marchioneſs de Beck, *her* Aurum potabile, *which ſhe much eſteemeth.*

TAke Calx of ☉, and *Regulus* of ♁, *ana* ℥j. *Jupiter* ℥ij. melt them together, then grind them to a ſubtil Powder with ℥iv. of Sugar-candy, Oriental Bezoar, and *Sal* *armoniack, ana* ℥j. Mix all well together, and put them into a large Retort, and diſtill in Sand with a graduate fire for ſix hours; let the bottom of the Retort be red-hot at laſt for half an hour. You ſhall have an Aureal Liquor, whereof two or three drops taken in a little Canary, or other convenient Liquor, is a great Cordial and Reſtorative.

Hartman.) *The ſaid Marchioneſs told me at* Paris *(where ſhe ſhewed me her* Aurum potabile, *and gave me the Receipt of it) that when at any time ſhe found her ſelf indiſpoſed, ſhe preſently took two or three drops of it, and immediately ſhe felt her ſelf ſtrengthened and chearful, &c.*

The Baron de Roche *ſhewed me alſo the Receipt of it at* Paris, *who alſo made great eſteem of it, telling me, that he eſteemed it to be one of the beſt* Aurum potabile's *that could be made, and that it was a Soveraign Cordial and Reſtorative.*

You may reduce two third parts of the ☉ out of the *Caput Mortuum*, its Tincture only, and the ſubtilleſt part of it cometh over by the diſtillation.

Cornachinus

Cornachinus his Medicinal Powder, as it was Prepared by Sir K. Digby's Order in his Laboratory.

TAke *Regulus* of ♁, and of pure Salt-petre, *ana* ℥iv. mingle them well together in ſubtil Powder, and caſt them into a red-hot Crucible, and make them burn by caſting in a fiery Coal, which repeat as often as it conſumeth; for without that the Salt-petre will not burn, there being no more Sulphur in the ♁ to ſet it on fire. Keep it thus in fuſion in a reverberating heat for at leaſt an hour, ſtirring the Matter often with an Iron Rod; then let it cool. This muſt not be edulcorated as common ♁ Diaphoretick, but the fixed Salt of Salt-petre muſt remain with it, and muſt by no means be ſeparated from the ♁; for in that Sir K. ſays, conſiſteth the Vertue againſt Fevers. Of this we gave with the Scammony and Cream of Tartar, *ana* gr. x. diminiſhing and increaſing the Doſe according to Age and ſtrength.

Hartman.) *Sir K. recommended this to me as a very good Purge, telling me, that I might make uſe of it whenſoever I had occaſion.*

The beſt way to make the *Regulus* of ♁, is, to put firſt into the Crucible the Saltpetre and Tartar, and when they are well melted, put in the ♁, and proceed in the reſt in the uſual manner: Thus you ſhall ſhall have ſix or ſeven pound, or more, of every pound of Antimony. Likewiſe to make a *Martial Regulus*, put the ♁ firſt into the Crucible; and when it is in perfect fuſion, then put in the *Mars*.

A Laxative and Emetick Cream of Tartar.

TAke Glaſs of ♁, and Cream of Tartar, *ana* ℥iß. grind them to a ſubtil Powder, then mix them together; put this into a Matraſs, and pour upon it ℔ij. of Roſemary-water; digeſt it for ſome days, ſhaking it ſometimes; then filter it, and evaporate to dryneſs, and you ſhall have a Salt, which grind to Powder, and keep it in a Glaſs cloſe ſtopped. It is a ſafe and gentle Vomit, and Operates alſo by Stools. The Doſe is from gr. j. to v. or vj. in a little Sack.

Another moſt Excellent Laxative and Emetick Cream of Tartar.

TAke ℥iv. of Cream of Tartar, grind it to a ſubtil Powder, which put into a Matraſs, and pour upon it ſo much Spirit of *Sal armoniac* as may cover it the breadth of two fingers; ſtop it cloſe, and ſet it in a Cellar for twenty four hours, then pour it into an Earthen Pot glazed, and put into it ʒj. of Glaſs of ♁ in ſubtil Powder; ſet this Pot in a Furnace in Sand (or upon a gentle Coal-fire) and pour into it a ſufficient quantity of fair water; let it cool ſix or eight hours, ſtill pouring in more water as it conſumeth: At laſt, evaporate until it come to have a thin light skin on the top; then ſet it in a Cellar, and it will ſhoot into Cryſtals, which take out, and keep them for Uſe.

This is a moſt Excellent Medicine, and one of the beſt Emeticks that can be prepared. The Doſe is from gr. j. to vj. for Children; and for Aged Perſons, from gr. x. to xv. in a little Sack.

The beſt and eaſieſt way to make a moſt ſubtil and penetrant Spirit of *Sal armoniac*, (as it was made in Sir *Kenelm*'s Laboratory, and as I make it now) is thus:

Take Quick-lime groſly beaten, put a bed of it about two fingers thick into the bottom of a Cucurbite; then diſſolve ℔j. of *Sal armoniac* in as much water as will diſſolve it: Pour of this diſſolution upon the Quick-lime (having firſt placed the Cucurbite in the Furnace in Sand) ſo much as may diſſolve it well, and ſwim half a fingers breadth over it. Then be as quick as you can in fitting on the Head and Recipient (for it will immediately begin to diſtill without fire) lute all the junctures well, and diſtill with a gentle fire, keeping the ſubtil Spirit by it ſelf, which cometh firſt. If any flegm ſhould come over with the ſecond Spirit, rectifie it in *Balneo.*

This Spirit is not only good for benumbed heads to ſmell to, but alſo to take inwardly, for it is a moſt Excellent Remedy: It opens all Obſtructions, it is Sudorifick and Diuretick. 'Tis very good in Fevers, eſpecially the Putrid, in Palſies, Epilepſies, Hyſterical Fits, and the Plague, reſiſting all Corruption, in Lethargy, and ſtupification of the Spirits. The Doſe is from eight to thirty drops. It alſo aſſwages the pain of the Gout, being mixt with S. V. *or Brandy, and Linnen Clothes dipt in it, and laid upon the parts afflicted.*

Hartman.) *In diſtilling of this Spirit this way, I have obſerved ſeveral inconveniences;*

the firſt is, that if you uſe a Glaſs Cucurbite, it will be apt to crack by the ſudden heat of the Quick-lime, cauſed by pouring on the diſſolution of the * (and an earthen Cucurbite will imbibe it.) Secondly, by the ſame Reaſon you loſe a great part of the ſubtileſt Spirit, which will aſcend before you have poured in the quantity of the diſſolution above-mentioned, and before you can fit on the Head and Recipient. To prevent all theſe inconveniences, I make uſe of a Tin Cucurbite, with a Spout in the upper part (See it in the third Figure) and having placed it in the Furnace in Sand, I put in the Quick-lime, and then I fit a Glaſs Head and Recipient, and having well luted all the junctures with wet Bladders, or Paſte and Paper, I pour in the diſſolution of * by a funnel through the Spout; then I cloſe the Spout, and diſtill with a gentle fire. When the diſtillation is over, take out the Caput Mortuum, and make the Cucurbite clean, and wipe it dry, that it may not ruſt or canker, and it will ſerve for many other Operations, and will ſave you the buying of many Glaſs Cucurbites, which by reaſon of their thick and knobbed bottoms are ſo apt to break.

The

The Volatile Salt of Tartar, as I have often made it, which is an Excellent Remedy.

TAke Lees of Wine, (which you may have from the Wine-Coopers when they have preſſed them out for making of Vinegar) break them in ſmall pieces, and let them dry; then being very hard and dry, bruiſe them groſly, and fill an Earthen Retort with it, or a Glaſs one coated; diſtill in naked fire, fitting any Recipient to it to receive only a ſour flegm, which will come over firſt; as ſoon as you ſee any white fumes come over, (among which cometh the Volatile Salt) change the Recipient, putting on another pretty large; lute the junctures well with Paſte and Paper, then increaſe the fire by degrees, until you ſee the Recipient filled with white fumes; continue the fire in that degree, untill thoſe white Vapours diminiſh, and that the Recipient beginneth to grow cold: Then augment the fire to the higheſt degree, to force all over at laſt; when nothing more cometh over, ceaſe. The diſtillation will be performed in three or four hours; you will have a whitiſh Liquor, which contained in it the Volatile Salt, and part thereof will ſtick to the ſides of the Recipient, and a reddiſh fœtide Oyl will ſwim upon the Liquor. Pour out all the Liquor that is in the Recipient, then pour a little warm water in the Recipient, and ſhake it to get out all the Volatile Salt: Separate the Oyl from the Liquor by a Glaſs funnel; then filter the Liquor, to free it from all Oylineſs: Put this Liquor into a Matraſs with a long Neck, to which fit a Head and a ſmall Recipient; diſtill in Sand with a very gentle heat, and the Volatil Salt will aſcend into the Head as white as ſnow; when you ſee that a pretty quantity is Sublimed, take off the Head, and ſtop the mouth of the Matraſs, if you have not another Head to put on; be as quick as you can to gather the Volatile Salt that is in the head, and put it into a Vial, which ſtop very cloſe with a Glaſs ſtopper, for it is very apt to reſolve into Liquor when it taketh Air: Then put the Head on again, and continue the Sublimation until there Sublime no more Salt; gather this laſt Salt, and put it to the reſt: Then put on the Head again, and augment the fire a little, and you ſhall have a fiery Liquor, which is the Volatile Spirit of Tartar, and is alſo the Volatile Salt, mixt with ſome flegm, which makes it come over in a liquid form.

This Salt is much eſteemed and recommended to purifie the Blood by Sweat and by Urine. It is the beſt of all common Remedies againſt Hyſterical Fits and Vapours, ſmelling to it, and taking it inwardly. It is Excellent againſt the Palſie, Apoplexy, Epilepſie, *&c.* againſt Quartan and Tertian Agues. It opens all Obſtructions, and provokes the Terms. The Volatile Spirit hath the ſame Vertue as the Salt; it is good for all Obſtructions, particularly of the Spleen, and keeps the Body open; it is far beyond the common Spirit of Tartar in Vertue. The Doſe is from eight to twenty or thirty drops in ſome fit Vehicle.

A Phyſical Salt.

TAke Nitre and Oyl of Sulphur, *ana* ℔j. flegm of Vitriol ℔ß. pulverize the Nitre and put it into a Retort, and pour upon it the Oyl of Sulphur and flegm of Vitriol; diſtill in Sand, and you ſhall have a very good Spirit of Nitre, and a pure white Salt will remain in the bottom of the Retort. This Salt is much eſteemed in Fevers, and to quench thirſt, being taken in Juleps, Ptiſans, or Poſſets. The Doſe is thirty or fourty grains.

A Precious Tincture of the Flowers of Antimony.

TAke the dark-red Flowers of ♁, digeſt and circulate them with rectified Spirit of Vitriol; when they are ſufficiently united, abſtract the Spirit of Vitriol to an Oyl, upon which pour *S.V.* digeſt and extract a Tincture *ſ.a.* which abſtract again to the conſiſtence of an Oyl. *This Tincture fortifieth and cheriſheth the Heart & Vital Spirits, ſtrengtheneth the Stomach, is good againſt Agues and Fevers, Hyſterical Fits, Hypochondriac Melancholy: It Cures the Jaundies, opens Obſtructions, provokes the Terms. It is good againſt the Gout, Scurvy, and Dropſie, Itch and Scabs: It purifieth the Blood, and ſtrengthens Nature. Doſe from gr.* j. *to* iij. *or* iv. *given in a fit Vehicle.*

An Excellent and true Tincture of Coral.

TAke good red Coral ℥iv. grind it to ſubtil Powder, which mingle with ℥iv. of *Sal armoniac* that hath been three times Sublimed from decrepitated Salt. Put this mixture into a ſmall Cucurbite, which ſet in a Sand Furnace; fit a Head and Recipient to it, and having well luted the junctures, give a gentle fire at firſt, which augment by degrees. There will come over firſt, a ſmall quantity of a Urinous Volatile Spirit; after that, you ſhall ſee the Flowers aſcend and ſtick to the Head, and upper part of the Cucurbite. Theſe Flowers will be tinged with divers colours, as red, green, blew, very pleaſant to behold, they contain in them the true Tincture of Coral; for the body of the Coral which remaineth in the bottom, will be as white as ſnow; continue a moderate fire until no more Flowers aſcend: The Operation will be performed in a few hours. Then gather diligently all theſe Flowers, and put them in a Matraſs, and pour upon them rectified *S.V.* to the heighth of four fingers; digeſt ſome days in *B.* the *S.V.* will extract a pure red Tincture out of the Flowers, which will remain white in the bottom; filter this Tincture, and abſtract from it three fourth parts of the *S.V.* and a deep-red Tincture will remain in the bottom, which is the true Tincture of Coral.

This Tincture is a Sovereign Remedy to ſtrengthen the Stomach and Bowels. It purifieth the Blood by Sweat and Urine. It opens Obſtructions, is Excellent in all ſorts of Fluxes, *&c.* Doſe from ſix to twenty four drops, in ſome convenient Vehicle.

The way to Sublime the Flowers of *Sal armoniac* for this work, is thus:

Take common Salt decrepitated and *Sal armoniac*, *ana* ℔j. pulverize and mingle them together, and put them in a Cucurbite, and Sublime in Sand with a gentle fire at firſt, which augment by degrees; the Flowers will aſcend into the Head like Meal: Continue the fire for five or ſix hours; then let all cool, and gather the Flowers, which mix with new Salt, and Sublime as before: Repeat this three times.

An Excellent Extract of Mars, *for* Diarrhæa's *and Fluxes.*

TAke filings of Steel (which you may buy at the Needle-makers) ℥iv. put them in well-glazed Pipkin, and pour thereon a quart of good deep-red Wine, (that which is uſed to colour White-wine) let it boyl until about three parts of the Wine be conſumed, ſtirring often with an Iron *Spatula*. Then ſtrain it whilſt it is hot.

It is a great and certain Remedy for Dyſenteries, *Diarrhæ'as*, old Hepatical Fluxes, and ſuch like Diſeaſes; you may give an Ounce of it in Broth faſting, for ſome Mornings together. This I have ſufficiently experienced with happy ſucceſs.

Sir Kenelm Digby's *Remedy for the ſame, as it was prepared by his Order, and much uſed.*

TAke Rye-flower, and make a Paſte thereof with Juice of Elder-berries; then bake hard Biskets thereof, which pulverize, and make a Paſte again with the Juice of Elder-berries as before: Repeat this three times. Then reduce it to Powder. The Doſe is one Dram.

Sir Kenelm Digby, *his Excellent Plaiſter of Lead.*

TAke of the beſt Oyl Olive ℔ij. ℥iv. white-lead, red Minium, *ana* ℔j. grind them to Powder, and put them with the Oyl into a large glazed Pot or Pipkin, with ℥xij. of *Venice* Soap ſhred ſmall, which put upon a gentle Coal-fire, and ſtir it well with an Iron *Spatula* for an hour; then increaſe the fire a little, which continue until the Liquor be of the colour of an Oyl: Then drop ſome of it upon a board, and if it ſticks, or that it cleave to your fingers, 'tis a ſign that it is boyled enough; then roll it up, and keep it for Uſe.

This Plaiſter being applyed to the Stomach, is good for the weakneſs and indigeſtion thereof, and cauſeth a good Appetite.

Being applyed to the Belly, it Cureth the Colick; and being applyed to the Back, it ſtrengthens the Reins, Cureth the Bloody-flux, the *Gonorrhæa*, and tempers the exceſſive heat of the Liver.

It Cureth all Contuſions and Bruiſes, Swellings and Inflammations. It maturates and draws all ſorts of Apoſtumes, Wolfs, and Puſtles, and Cures them, without Lancing or Inciſion. Being applyed to the Head, it ſtrengthens the Eye-ſight: To the Fundament, it Cureth all accidents that may happen there, as Piles, *&c.* And being applyed to the Belly of a Woman, it provokes the Terms, and diſpoſeth her for Conception.

Dr. Stephen's *Plaiſter for the Gout.*

TAke Virgins-wax ℔ij. Hogs-greaſe ℥ß. Mutton-Suet ℥ij. Oyl of Colts-foot, Plantain and Roſe-water, *ana* ʒij. Lavender-water ʒij. Dragon-water, and Water of Borage, *ana* ℥ß. two Nutmegs, two Cloves, and a little Mace, beat into Powder; mix them all well together, and let it boyl with a moderate fire unto the conſiſtence of an Oyntment; wherewith anoint the part grieved as hot as you can endure it, and dip i[illegible]nnen Clothes in it, and apply them.

A very good Oyntment for the Gout, and the running Gout, Aches, Numbneſs, and pain in the Joynts, &c.

TAke the tender Branches of Dwarf-Elder, in the Month of *March*, when they ſprout out of the ground from the root, and are not above a finger long, three handfuls, ſtamp them in a ſtone Mortar, then mix them with ℔j. of Hogs-greaſe; put this into a Pipkin, and let it ſtew upon a gentle fire for two or three hours.

This was Communicated unto me by a worthy Gentleman, who much eſteemed it, becauſe he found great benefit by it in the Gout: It taketh away the raging pain thereof, giveth eaſe, and ſtrengthens the parts afflicted.

In the running Gout, Numbneſs, and raging pain in the Joynts, I have had much Experience of the Vertue of this Oyntment, after many Remedies uſed in vain; the parts grieved muſt be anointed with it as hot as can be endured, and chafed in before a fire.

A Certain

A Certain and Infallible Remedy to prevent and Cure the Fits of the Gout.

I Knew a Gentleman in *Germany*, who always Cured and prevented his Fits of the Gout (whenſoever he perceived the leaſt ſymptom of its approaching) by the following Remedy;

He cauſed a good quantity of the Herb Mullein (*Verbaſcum* in *Latin*) to be gathered every Summer when it was in its Flower, which is in *June*, it beareth many yellow Flowers upon a long ſtraight ſtalk with large leaves at the bottom, which are hoary. Then he took a good quantity of this Herb, and cut it ſmall, the Stalk, Flowers, and Leaves, and cauſed it to be boyled in a pail-full of Forge-water out of a Smith's trough, wherein he quenches and cooleth his Irons; when this was boyled ſufficiently, then there was put into it a large piece of Chalk in Powder. In this Water he bathed his Feet, Leggs, and Knees, as hot as he could endure it, in a Tub, continuing until the Water grew cold. Then a hole was digged in the ground, in his Garden, wherein this Water was put with the Ingredients, and then covered with Earth.

This always prevented his Fit, ſo that he never had any pain, lameneſs, or ſwelling at all, to which I was an Eye-witneſs. And I heard him ſay, that if he did not uſe this Remedy, he would have very ſhrewd and racking Fits, and keep his Bed by it for a Month or ſix weeks, and that twice a Year, chiefly in the Spring, and at the Falling of the Leaf.

Mr. Locher, *an Apothecary of* London, *his Excellent Oyl for Deafneſs, which he gave to Sir* K. D.

TAke Oyl of bitter Almonds, Oyl of Spikenard, *ana* ʒvj. Juice of Onions, Juice of Rue, *ana* ʒij. black Hellebore ℈ß. Colloquintida ʒß. Oyl of *Exeter* ʒij. Boyl this till the Juice be conſumed; then ſtrain it, and add two drops of Oyl of Anniſeed, Oyl of *Origanum* one drop. Pour a drop or two of this Oyl into the Ear, and lye upon your Bed with that Ear upwards that you intend to drop into, lye ſtill for a quarter of an hour after; then drop into the other, if it require. It is to be continued a Month, or two or three, as you find benefit. When you have dropt into the Ear, you muſt ſtop it with a little black-wool, dipped in the Oyl. Many Perſons have found much benefit by the uſe of this Oyl, to my knowledge.

Another Experimented Remedy for the ſame.

TAke a good large Eel, flea it, and cut it into round pieces of the length of a finger, ſtick them full with Roſemary and Sage; then take an Earthen Pan, put two or three ſticks of Wood in Croſs-wiſe, lay your pieces of Eel upon them, ſo that they may not touch the bottom of the Pan; bake it in an Oven as you do Meat: Then take the Fat of the Eel that is in the Pan, and ſtrain it through a fine Linnen Cloth, meaſure how much there is of it, and put to it as much *S.V.* Then take Juice of Onions, and Juice of the white ends of Leeks, *ana* ℥j. of your firſt mixture ℥ij. put them together into a Vial, ſtop it cloſe, and ſhake it well for an hour. It is in all things to be uſed as the former, except that inſtead of one or two drops, you muſt drop in three or four.

Hartman.) *This was Communicated to me by a Gentleman at* Paris, *who had done Wonderful Cures with it, and among the reſt, he had Cured the Governour of* Calais *his Secretary with it, who had been deaf twenty Years, his deafneſs being cauſed by a Sickneſs.*

A moſt Precious Balſam of great Vertue.

TAke Turpentine ℔ij. *Lignum Aloes* ℥ß. Maſtick, Cloves, Galingal, Cinnamon, Zedoar, Nutmegs, Cubebs, *Olibanum, ana* ℥j. Roots of Maſter-wort, of Angelica, *ana* ℥ß. Figs cut ſmall ſix in number, Gum Tragacanth ℥ij. Bruiſe all the Ingredients, and mix them well together, then put them into a Glaſs Retort, and having warmed the Turpentine to make it run, pour it upon the Ingredients, and diſtill in Sand; Separate the Balſam from a little flegm that will come over with it.

1. This Balſam is a very great preſerver of the Health of Mankind, taking every Morning three or four drops of it in a little Beer or Wine; it ſtrengthens the Stomach, and cauſeth a good Digeſtion, and a good Appetite.

2. It ſtrengthens the Brain and Memory.

3. It is good againſt Deafneſs, pouring two or three drops every day into the Ear, and ſtopping the Ear with a little black-wool, moiſtened with a little of this Balſam.

4. It helpeth Rheumatick Eyes, takes away the heat and pain thereof, and ſtrengthens the Sight, anointing the Eye-lids therewith.

5. It Cureth all ſorts of Scabs, Itches, and Scall'd Heads, be they never ſo bad.

6. It Cures Fiſtulaes, the Cancer, Wolf, and all other gnawing Diſeaſes; and Cures all ſorts of Wounds, whether old or new.

7. It Cures the *Gonorrhœa*, the Whites in Women, and ſtrengthens the Reins.

8. It is good againſt the Biting of a Mad Dog, Vipers, and other Venemous Beaſts, being both inwardly and outwardly applyed; and is a great Preſervative againſt the Plague.

9. It is very good againſt the Cramp, Numbneſs, aking, and pain in the Joynts, contraction and weakneſs of the Nerves coming from a cold Cauſe, as Experience teſtifieth.

10. It ſweetens an unſavoury or ſtinking Breath, and ſuffers no Worms to breed in the Stomach and Bowels.

11. It is ſaid, that if a dead Corps be Embalmed with it, it will never rot nor conſume, nor any Linnen about it that is imbibed with this Balſam: And that for a tryal, one ſhould take a piece of Fleſh, and warm it well againſt the fire, then rub it over with this Balſam, and let it be well imbibed with it, rubbing it with it three or four times. Then lay it away, and it will remain ſound and freſh, ſo that it may be eaten a twelve Month after.

Laudanum Germanicum: *Being a ſingular Preparation of* Matthew's, *or Dr.* Starky's *Pills.*

I Thought I could not better finiſh this Book, than with the Receipt of theſe moſt Excellent Pills, with the true way of Preparing them, which far exceeds the common: The Receipt is thus:

Take *Opium* ℔j. diſſolve it in diſtilled Vinegar, then filter and evaporate to the conſiſtence of a Maſs for Pills: Then take black Hellebore ℔j. reduce it to a ſubtil Powder, which put into a Matraſs, and pour upon it ſo much diſtilled Vinegar as will cover it the breadth of four fingers; digeſt for two days, then evaporate with a gentle heat to the conſiſtence of Pills. Then take of the Corrector ℔j. Oyl of Amber that hath been rectified with fair water, ℥ij. Licoriſe dryed and reduced to ſubtil Powder, ℔j. Saffron dryed and pulverized, ℔ß. Put all into a large Mortar (well warmed by putting Coals kindled into it) incorporate them well together by ſtrongly beating and mixing them, adding by little and little (as you incorporate them) of the Oyl of Turpentine that hath ſtood upon the Corrector, and is of a red colour, ℥iij. Tincture of Antimony ℥iv. Oyl of Anniſeed, of Juniper-berries, of Saſſafras, Oyl of Vitriol, Spirit of Harts-horn, *ana* ℥ij. Gum *Arabick* diſſolved in diſtilled Vinegar, ℥ß. and if you ſee that the Compoſition is too ſtiff, add a little more of the ſaid Oyl of Turpentine, and of the Tincture of Antimony: Then put it up in a Gally-pot, and tye it up cloſe with a Bladder and Leather.

The Compoſition of theſe Pills is of a very fine conſiſtence, and not ſo crumbly as the common, but commodious to handle, and make up in Pills like unto warm Wax. The Doſe is two ſmall Pills about the bigneſs of an ordinary Peaſe, or one Pill about the bigneſs of a gray Peaſe ſwelled, taking them at Night.

Theſe Pills are approved of, and are preſcribed, and uſed by the beſt Phyſicians, in Conſumptions, and in other Caſes.

I thought to have reſerved the Preparation of them to my ſelf, and not to have Publiſhed it; but thinking that it is unchriſtian to keep any thing from the Publick good, my Conſcience would not permit me.

The Preparation of the Corrector differs not from that of *Starky*'s; but becauſe this Book may come to the Hands of ſome Perſons which do not know it, I thought good to inſert it here.

Take pure Salt-petre, and White-wine, or Rheniſh-wine Tartar, *ana*, equal parts, pulverize them, and ſearſe them, and mix them well together: Then take a large Crucible, and ſet it in your Furnace, and being red-hot, caſt in ſome of your mixture by little and little with an Iron Ladle, and when the fulmination is over, caſt in more, which continue till you have put in all your mixture; then let it flow in the Crucible, giving ſtrong heat.

Then pour it out, and when the Crucible is cold, ſcrape off all the Salt that ſticketh to the ſides of it. Diſſolve this Salt in boyling-water. Make likewiſe a *Lixivium* of Quick-lime and Water, which being ſettled, pour it off: Take of this *Lixivium* the ſame quantity with that of the Salt of Tartar; mix and filter them, then evaporate to a Salt, which will be pure, clear and white like Cryſtal; grind it to Powder, and put it into a ſtrong large Veſſel, and pour upon it immediately ſo much Oyl of Turpentine as may cover it the breadth of four or five fingers; ſtir it well together, then cover it looſely, only to keep things from falling in, and that the Air may come to it; let it ſtand thus, ſtirring it three or four times a day with a wooden *Spatula*, and as you ſee the Salt imbibeth the Oyl, add ſtill more Oyl, until the Salt hath taken in and abſorbed three times its weight of Oyl, or that it will take in no more, and is like a Soap, and the Oyl that ſwimmeth upon it is of a red Colour.

The Tincture of Antimony is made thus, according to Baſil Valentine.

TAke equal parts of Salt of Tartar and ♁, melt them together in a Crucible, keep them in fuſion for half an hour, then pour it out, and whilſt it is hot reduce it to Powder, which put into a Matraſs, and pour upon it of the beſt rectified Spirit of Wine ſo much as may cover it the breadth of three fingers, ſet the Matraſs in warm Sand, that the *S. V.* may boyl a little, and you ſhall have a very red Tincture, which decant, and keep for Uſe.

This Tincture is recommended to open all Obſtructions, of all the Principal parts, as Liver, Spleen, Lungs, Womb, Reins, and Bladder; it provokes the Terms, Cureth the Yellow Jaundiſe, Green-Sickneſs, Scurvy, Dropſie, Aſthma, Pleuriſie, Melancholy, Ulcers inward and outward, Scabs, Itch, Pox, Small-Pox and Meaſles. Doſe gr. iv. to xij.

Poſtſcript.

The Preparation of Sir Kenelm Digby's *Sympathetical Powder, as we prepared it every Year in his Laboratory, and as I prepare it now, is only thus:*

TAke what quantity you pleaſe of good *Engliſh* Vitriol, diſſolve it in warm water, but uſe no more water than will diſſolve it, leaving ſome of the impureſt part at the bottom undiſſolved: Then filter the diſſolution, and evaporate it until you ſee a thin skin upon it, then put it in a cool place, and let it ſtand without ſtirring it for two or three days, covering it looſely only, to keep things from fallingin. It will ſhoot into fair, green, and large Cryſtals, which take out, and ſpread them abroad in a large flat earthen Diſh, and expoſe them to the heat of the Sun in the Dog days, turning them often, and the Sun will Calcine them white; when you ſee them all white without, beat them groſly, and expoſe them again to the Sun, ſecuring them from Rain; when they are well Calcined, powder them finely, and expoſe this Powder again to the Sun, turning and ſtirring it often. Continue this until it be reduced to a white Powder, which put up in a Glaſs, and tye it up cloſe, and keep it in a dry place.

As for the Vertues of this Powder, I will only ſay, that I have ſeen great Experience of it in my time, in ſtanching of deſperate bleeding at the Noſe. 2. In ſtanching the Blood of a Wound. 3. In Curing with it any green Wound (where there is no fracture of Bones) without any Plaiſter or Oyntment, in a few days.

A Girl about twelve Years of Age bleeding deſperately at the Noſe for two or three days together, her Mother having uſed all the means ſhe could deviſe (in vain) came to me, telling me, that ſhe had heard I had a Powder that would ſtanch Bleeding, ſhe deſired me to let her have a little of it, for ſhe feared her Daughter would bleed to Death: I gave her ſome of the Powder, and bid her put a little of it in three or four ſpoonfuls of fair water, and to bath her Noſtrils with it with a clean Linnen rag, putting it up into the Noſtrils, which ſhe did, and her bleeding ſtopped immediately; the next day ſhe did bleed a little again, and then uſing it again, it did ſtanch it, and ſhe never bled again afterwards.

I ſpoke with a Famous Chirurgeon, named Mr. *Smith*, in the City of *Augusta* in *Germany*, who told me, that he had a great reſpect for Sir *K. D.* Books, and that he made his Sympathetical Powder every Year, and did all his Chiefeſt Cures with it in green wounds, with much greater eaſe to the Patient than if he had uſed Oyntments or Plaiſters.

If the Reader deſires to know more of the Effects of this Powder, and the Reaſon of it, I refer him to the Reading of Sir *K. Digby*'s Treatiſe of Curing of Wounds by way of Sympathy, where he will find entire ſatiſfaction and full information of the Reaſons of its effects.

MVSEVM BRITANNICVM

FINIS.